

678	27364	92836	89428	61288	74982	36498	32764	81276	81
986	48932	78987	32123	49817	26346	81287	65491	87364	81
721	75654	55656	12737	72727	72727	91918	63473	67867	76
723	87629	37677	32612	53498	71296	28756	18276	98716	87
7269	76329	74698	76857	98670	27601	56701	57601	73648	15
591	87364	87265	96710	27630	12673	84769	28743	98127	59
58	63298	75698	27465	87326	49876	28376	81273	98615	62
667	87432	74328	78674	29867	32867	67867	86786	43286	432
657	68768	68763	34234	34238	68768	62342	48273	48768	234
936	98432	32432	86743	43286	43286	43286	43286	43286	432
743	86743	86743	39867	32867	86743	43286	43286	43243	867
741	86743	86743	86743	86743	86743	86743	86743	86743	435
543	98798	98754	98754	98754	98754	29867	67543	67986	867
76	87698	69876	87698	69876	87612	12341	34867	86798	632
867	43298	65656	56756	56123	32143	14321	32143	14321	321
41	32787	58765	76587	58765	76587	58765	76587	58756	765
75454	36543	54365	36543	54365	36543	54365	36543	54365	543

Numbers & Oddities *a.k.a. The Spooks Newsletter*

Edition #168, September 2011

Editor: Ary Boender email: ary@luna.nl

Check for previous newsletters, info, sound samples and databases also:

NUMBERS & ODDITIES <http://www.numbersoddities.nl>

<http://www.ary.luna.nl>

SPY NUMBERS ONLINE DATABASE <http://www.spynumbers.com/numbersDB>

UTILITY DXERS FORUM (UDXF) <http://www.udxf.nl>

Wired Magazine has published an article about the buzzer for which some of us were interviewed. The article can also be found on http://www.wired.com/magazine/2011/09/ff_uvb76/all/1

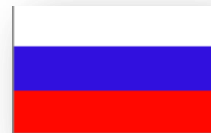
VPRO, a Dutch public radio and TV station has plans for a radio program about numbers station. Franky and I were interviewed for the show. When I have more details, I will inform you.

Thanks everyone for the many logs and transcripts. Most transcripts were submitted by MancATC, Ary, Fritz, Spectre and Danix.

Finally, for those who are interested. The Benelux DX-Club, based in The Netherlands, will celebrate its 50th birthday on 12 November in the Rotterdam Radio Museum. On the 13th there will be a radio fair in the museum and a thematic day about TV; "from TV with teletext to Google cloud TV". Everyone is welcome.

VOICE STATIONS

E06



5186 kHz, 2030 UTC, 15-09

891 246 15
13245 24536 12526 27365 18420
91285 14562 28915 9*219 78235
12139 08763 14562 90987 65745
246 15
00000

5197 kHz, 2130 UTC, 02-09

634 124 15
64756 46352 17263 46574 58675
46152 36453 10999 89876 09899
25364 16253 46574 57684 56378
124 15
00000

5186 kHz, 2030 UTC, 15-09

891 246 15
13245 24566 10928 27365 12420 91285 14562 28915
90219 78235
12189 08766 14563 90987 65745
246 15
00000

12210 kHz, 0449 UTC, 01-09

354 354 354 00000

6874/5179 kHz, 0030/0130 UTC, 03-09

759 146 30
91221 69707 07235 97235 68459
02683 49303 09847 24396 54488
07518 89741 32342 58352 56404
26420 99145 20274 59710 82449
31766 20620 22186 71099 19171
92397 24654 50469 96765 12112
146 30
00000

6874/5179 kHz, 0030/0130 UTC, 10-09

759 861 32
16852 67933 25372 05869 56634
33453 85406 60868 23036 32975
46386 09067 21044 96647 93760
06861 65833 48991 69939 41481
33876 87068 46502 25273 14434
58591 68748 92685 50947 91129
70834 62745
861 32
00000

6874 kHz, 0030 UTC, 17-09

759 462 31
02020 11102 97621 21239 87671
28514 53709 03348 89070 28391
90004 99912 45578 95659 93492
34172 59343 15205 36971 13708
74371 92820 60771 85220 29082
25313 86619 55859 48717 16453
31770
462 31
00000

6874 kHz, 0030 UTC, 24-09

759 284 30
85347 99550 66314 35916 73130
81607 42998 04758 11526 79985
44143 42984 96332 28152 84420
35656 86317 62284 31517 30158
38209 40042 18721 92912 58999
45759 89646 26731 61442 11750
284 30
00000

E07



12223 kHz, 1700 UTC, 21-09
11062 kHz, 1720 UTC, 21-09
12223 kHz, 1700 UTC, 28-09
11062 kHz, 1720 UTC, 28-09

201 201 201 000

E07a 8173/7473/5773 kHz, 2000/2020/2040 UTC, 28-09

147 1 32027 576 55
94543 58925 57645 68624 96951
79160 54599 32493 74334 37820
97300 65576 46002 37200 48347
43680 36113 85847 13786 17743
02350 74253 49291 71867 45447
82032 49125 62524 20783 87728
60572 39247 09698 49204 62003
25088 85552 43770 39244 09506
83477 01173 17868 81869 24662
67836 63498 91105 54395 83168
09864 46908 59628 64597 70464
000 000

12108 kHz, 1900 UTC, 28-09
10708 kHz, 1920 UTC, 28-09

172 172 172 000

E11a



15915 kHz, 1155 UTC, 15-09 718/00
5463 kHz, 1856 UTC, 16-09 262/00
6304 kHz, 0450 UTC, 21-09 414/30
8800 kHz, 0930 UTC, 21-09 270/00
7449 kHz, 1045 UTC, 21-09 466/34
15915 kHz, 1155 UTC, 22-09 719/33
9371 kHz, 1730 UTC, 22-09 414/30
10221 kHz, 0710 UTC, 23-09 633/00
6433 kHz, 1050 UTC, 25-09 126/32
15915 kHz, 1540 UTC, 26-09 228/00
12153 kHz, 1600 UTC, 26-09 641/20
9371 kHz, 1730 UTC, 29-09 416/00

6304 kHz, 0450 UTC, 21-09

414/30
Attention
87240 06785 44214 29661 32601
93714 64330 42995 94022 80455
76110 92715 93302 94455 12474
95290 89071 61865 22819 89208
83195 27963 39722 14410 54200
40863 35175 26743 37151 17029
Out

9371 kHz, 1730 UTC, 22-09

414/30

Attention

87240 06785 44214 29681 32601
93714 64330 42995 94022 80455
76110 92715 93302 94455 12474
95290 89071 61865 22819 89208
83195 27963 39722 14419 54200
40863 35175 26743 37151 17029
Out

10800 kHz, 0645 UTC, 15-09

515/37

Attention

78333 17114 93931 40526 16657
95337 24007 41722 90824 63625
22269 10532 66970 55563 94941
56121 55091 73959 61621 49222
60696 34269 47766 51917 39504
66164 69667 93908 69650 25656
27105 73097 97870 55630 86999
42031 10239
Out

6814 kHz, 0820 UTC, 22-09

431/33

Attention

47259 18269 15287 66573 91826
93595 39591 43012 45231 41932
43613 89802 23327 92123 97333
28279 97430 98747 14544 46871
66130 51444 60116 20073 87002
78884 74123 57680 22552 00550
30767 59065 89913
Out

6433 kHz, 1050 UTC, 25-09

126/32

Attention

05151 18912 83214 55547 44624
52188 71793 11399 94249 82492
60739 20877 21109 75886 23211
36790 69894 49317 89186 70069
02287 84409 87534 87551 82931
11812 03358 40161 64830 47190
08259 80720
Out

12153 kHz, 1600 UTC, 26-09

641/20

Attention

32141 28300 50572 51226 38692
50331 85066 18723 03379 92827
85864 04850 62407 94800 26269
08467 02980 49959 40380 91767
Out

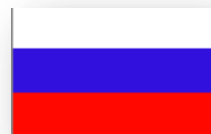
4909 kHz, 1445 UTC, 14-09

287/37

Attention

05714 00055 84346 95383 42092
26301 79208 61689 21968 69470
81811 43027 71804 71769 93649
31759 11032 53839 93077 22190
92679 15877 98991 73715 16622
90621 38262 68148 82967 82202
71038 57564 29539 18107 60137
62858 75152
Out

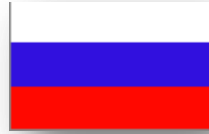
E17z



14260 kHz, 0800 UTC, 22-09: 674 913 5 52255 56717 15561 54227 54221 913 5 00000

12930 kHz, 0810 UTC, 22-09: 674 913 5 52255 56717 15561 54227 54221 913 5 00000

G06



4457 kHz, 1700 UTC, 15-09
1 2 3 4 5 6 7 8 9 (R2)

4864 kHz, 1800 UTC, 15-09
439 00000

5442 kHz, 1930 UTC, 23-09

5442 kHz, 1930 UTC, 09-09

947 732 15
13243 24354 35465 46576 57687
68798 79809 08685 79684 57531
68472 48631 10921 02378 17456
732 15
00000

947 732 15
13243 24354 35465 46576 57687
68798 79809 08685 79684 57531
68472 48631 10921 92378 17456
732 15
00000

G11



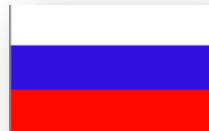
5815 kHz, 1325 UTC, 23-09 299/00 (R3) ende

5815 kHz, 1755 UTC, 27-09 270/00 (R3) ende

7317 kHz, 0940 UTC, 26-09

272/30
Achtung
32993 07848 02772 08857 83774
67843 64921 23501 43730 25449
00221 21337 67781 63422 51817
08989 20843 05107 53484 53260
63580 81197 96209 43401 99470
87247 49957 88649 63209 05785
Ende

S06



S06s, 6830 kHz, 1610 UTC, 15-09

176 204 5 5
41664 11144 16169 05410 05115
204 5 5
00000

S06s, 12560 kHz, 1200 UTC, 15-09

425 116 7 7
27477 75434 45201 42542 61545 22131 65155
116 7 7
00000

S06s, 13515 kHz, 0940 UTC, 09-09

516 912 7 7
21963 04621 55455 42451 94645 95905 40545
912 7 7
00000

S06s, 13356 kHz, 1000 UTC, 21-09

729 584 6 6
84482 45063 54481 46259 72094 43533
584 6 6
00000

S06s, 12952 kHz, 0900 UTC, 01-09

166 143 6 6
41616 69415 63166 11900 34461
143 6 6
00000

S06s, 13515 kHz, 0940 UTC, 16-09

516 427 6
71625 34677 81902 98561 56789
88019
427 6
00000

14505 kHz, 1010 UTC, 21-09

729 584 6
84482 45063 54481 46259 72094
43533
6
00000

12140 kHz, 0930 UTC, 23-09

516 (R4) 427 6
71625 34677 81902 98561 56789
88019
427 6
00000

8040 kHz, 1600 UTC, 26-09

176 8325
68867 20333 86736 48797 18672
00000

5735 kHz, 1800 UTC, 28-09

471 471 471 00000

6830 kHz, 1610 UTC, 26-09

176 8325
68867 20333 86736 48797 18672
00000

9220 kHz, 1900 UTC, 28-09
8270 kHz, 1910 UTC, 28-09

371 968 5 98057

S11a



16112 kHz, 15-09, 1015 UTC:

471/37
44299 18606 82078 22806 55695 12079 10889 29099 87842 71423
90260 27359 24588 60302 15367 98695 88756 67651 90894 46726
75964 72101 84233 70172 98606 41236 53449 37146 58495 31415
05225 30130 53219 34937 73904 07404 85115

4909 kHz, 21-09, 1355 UTC:

254/00 konec

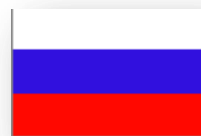
9960 kHz, 23-09, 1020 UTC:

421/36 5FGs

4909 kHz, 27-09, 1355 UTC:

254/00 konec

S21



4454 kHz, 1843 UTC, 06-09
4454 kHz, 1842 UTC, 27-09

454 280 32
38383 62127 67733 82939 05531
66931 98569 92018 93445 75256
52535 06026 08205 74881 35868
76324 91205 83904 77365 41058
17965 89472 36530 93472 19907
52831 23818 62358 68156 76843
633962 17314
280 32
000

S28 - The Buzzer

UVB-76 / MDZhB (МДЖБ)



As usual I have include a compilation of S28's transmissions. Recordings of most of the transmissions can be found on the N&O website.

01-09	1400	Male voice. MDZhB 96 521 Berdovj 67 70 52 94
03-09	0300	Male voice. MDZhB 10 422 Apogranit 92 31 75 63
04-09	1320	Male voice. MDZhB 80 413 KizjaK 95 26 24 34
05-09	1230	Male voice. MDZhB 75 939 Nizkij 34 52 32 31. Different repeat: MDZhB 55 739 Nizkij 74 52 32 31
	1250	Male voice. MDZhB 09 402 Zizifus 91 36 32 41
	1340	Male voice. MDZhB 94 064 Lizis 39 50 69 22
	1342	Male voice. MDZhB 41 079 Kizar 56 09 66 06
09-09	1130	Male voice. 94ZhT 44 729 Sizal' 79 84 36 62 Sidnokarb 41 72 92 04
16-09	0243	Male voice. TsKIM 20 573 Vykroì 07 02 21 81 Markbuzir 91 08 20 67 (callsign was hard to hear. Could be TsLIM or even something else)
17-09	0258	Male voice. Ts32M 51 893 Phenoxyls 06 55 70 92
18-09	1318	Female voice. MDZhB 47 046 LIGAZ 02 61 11 49
	1350	Female voice. MDZhB 03 940 VIVAchYe 35 49 18 18
19-09	0320	Female voice. MDZhB 68 030 Fibrioznyj 78 93 70 65
28-09	1228	Female voice. ЬБОМ 23597 Диаспор 9615 6383 'Bom 23597 Diaspor 9615 6383
30-09	1429	Male voice. 94ЖТ 62216 Топаш 2234 7821 94ZhT 62216 Torsan 2234 7821

I received the following list of callsigns from Rimantas. All were transmitted by S28 since September 2010.

Callsigns	In Russian	Possible combinations 1 = figure, A = letter
UZB76	УЗБ76	1111
MDZhB	МДЖБ	AAAA (MDZhB, KZJT, MBYShch, OEUN, TsLIM, 'Bom)
KZJT	КЗЙТ	A111
LNR4	ЛНР4	1A11
MBYShch	МБЫЩ	11A1
V6BY	В6БЫ	111A
IA6N	ИА6Н	111A
OEUN	ОЕУН	1AAA (8ZhSM)
8ZhSM	8ЖСМ	A1AA (V6BY)
1SG5	1СГ5	AA1A (IA6N)
6E4N	6Е4Н	AAA1 (LNR4)
94ZhT	94ЖТ	1A1A (6E4N)
TsLIM or TsKIM	ЦЛИМ or ЦКИМ	A1A1
Ts32M	Ц32Н	11AA (94ZhT)
'Bom	ЬБОМ	A11A (Ts32M)
		AA11
		1AA1 (1SG5)

Sometimes you find something that is weird and funny at the same time. Dauntless mailed me an URL of a fanfiction website that include a story inspired by Star Trek Voyager but includes a phrase that is clearly borrowed from The Buzzer. Check <http://www.fanfiction.net/s/6726581/10/> for the complete story.

"Computer, begin transfer of all remaining data from our memory banks to the shipyard mainframe. Authorisation Mihail Dmitrij Zhenja Boris You Vee Bee 7 6" she ordered it. "Attention all hands: you may disembark at this time. Thank you for your help in getting this ship back home. Wildman out" and she closed the channel and got a round of applause from her friends, father, Admiral Paris and the remaining bridge crew. Pigeon and the Ensign at helm had wanted to remain on duty until the last, so they had brought their duffels to the bridge. The bridge emptied of everybody but Naomi, her father, friends and Admiral Paris."

S6930

Russian Military



In the past we reported other Russian military stations that either sent the same message as S28 or used callsign MDZhB in morse messages. Avare recently posted a note to radioscaner.ru about a Russian station that is quite active. The station uses 6930 kHz and transmits tactical messages similar to the ones that you can hear on 4625 kHz. The transmitter site is probably shared with S28 as you can sometimes hear the buzzer in the background.

Priyom.org named the station S6930 and has a page about it.
<http://priyom.org/number-stations/oddities-unidentified/s6930.aspx>

Scansweden has a live stream of the station at <http://www.ustream.tv/channel/s6930>

The following logs were listed on Priym.org and recorded by Lafleurvk, Scansweden and Gwraspe wrote them down. <http://priym.org>

26-08	0101	Katok65 16 221 Dremota 78 71 30 26	http://soundcloud.com/lafleurvk/sdr-radio-2011-08-26-010146
26-08	0605	Katok65 85 216 Lesorub 24 38 45 6 pryom	http://soundcloud.com/lafleurvk/s-6930usb-2011-0605z-msg
30-08	1625	?? 445 ANTIPATIYA 21 79 99 34 Pryom	http://soundcloud.com/lafleurvk/6930usb-20110830-1625z-msg (first part is missing)
03-09	1548	Katok65 51 377 Galstuk 46 59 38 58 Pryom	http://soundcloud.com/lafleurvk/6930usb-20110903-1548z-msg
18-09	0606	Katok65 28 285 PODKOP 84 91 45 71	http://soundcloud.com/lafleurvk/6930usb-20110903-1548z-msg
18-09	0707	Katok65 40 026 ASTRA 57 01 11 62	Recording Scansweden
18-09	0812	Katok65 93 544 RASTRATA 53 42 16 30	Transcription Gwraspe
18-09	0917	Katok65 38 373 SOTOVARISHch 28 24 52 05	Recording Scansweden
18-09	1259	Katok65 28 161 TVYeRD'MYa 83 42 07 15	Transcription Gwraspe
18-09	1602	Katok65 49 288 HLOPUshKA 52 92 13 98	Recording Scansweden
19-09	0548	Katok65 87 200 EKVIVALYeNT 76 73 68 26	Transcription Gwraspe
19-09	0624	123456789 repeated	Recording Scansweden
19-09	0641	Roza15 41 263 UPROShchYeNIYe 85 60 41 98	Transcription Gwraspe
19-09	0713	123456789 repeated	Recording Scansweden
19-09	0757	Kaptal27 34 901 TYeCh' 57 56 94 14	Transcription Gwraspe
19-09	0907	Baska31 75 259 EKSPROMT 62 23 79 33	Recording Scansweden
19-09	1102	Katok65 13 451 EFYeDRIN 29 23 51 10	Transcription Gwraspe
19-09	1227	Lazer21 73 736 YuMORIST 78 48 24 31	Recording Scansweden
19-09	1430	Katok65 37 619 VOLChICA 50 09 82 77	Transcription Gwraspe
20-09	0527	Katok65 22 724 BALKON 56 14 62 16	Recording Scansweden
20-09	0703	Katok65 49 322 KORTIK 96 61 56 84	Transcription Gwraspe
20-09	1057	Katok65 35 844 VARIACIYa 26 63 60 88	New callsign. Recording Scansweden
20-09	1306	Katok65 46 148 DOVYeRYeNNOST' 26 68 74 48	Transcription Gwraspe
20-09	1412	Katok65 11 852 ZhALYuZI 57 92 81 71	Recording Scansweden
20-09	1611	Katok65 66 048 DAMKA 11 24 33 71	Transcription Gwraspe

S30 – The Pip

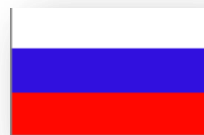


Active on its usual day (5448 kHz) and night (3756 kHz) frequencies throughout the month. The station sent at least two messages found by Danix and Avare:

1648 UTC, 09-09: 8S1Shch 59132 Podstruzhka 7736 3663

1759 UTC, 27-09: Dlya A3PS 'MSV YGJZ 12CI 79AJ P'HSch 6YeHB 'UYe8 CP3' ShchT3O. Kak slyshno, kak slyshno? Priyom

S32 – Squeaky Wheel



Active on its usual day (5473.9 kHz) and night (3828.9 kHz) frequencies throughout the month.

V13 – New Star Broadcasting Station

星星廣播電台 Xīngxīng guǎngbò diàntái



Frequency since 1 April 9725 kHz
Schedules at 0500, 0600, 1200, 1300 UTC.

VC01 – Chinese Robot

Chinese Air Defense network
Modes USB and LSB .



The first UDXF log of the Chinese Robot was on 27-3-2000. We found the station since that date on the following frequencies 3036, 3837, 4075, 4410, 4422, 4427, 4480, 4530, 5288, 5303, 5700, 5832, 6479, 6771, 6840, 6855, 6860, 6960, 7090, 7608, 7684, 7726, 7744, 7756, 7770, 7864, 7865, 7880, 7924, 8000, 8025, 9000, 9169, 9192, 9290, 9340, 10508 kHz.

No reports this month.

VC04 + Unid Chinese(?) morse station

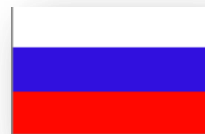
Eddy Waters copied VC04 on 8073 kHz at his location in Australia, and also several times an unid morse station on the same frequency. I heard only the last part of one transmission which was only partly readable. The format is very similar to MV27, the morse sister of V27. I have no idea yet if VC04 and the morse station are related or if the morse station is MV27. A complete message would be helpful.

Eddy heard the morse transmission on 29-9 at 1157 UTC. The transmission ended at 1220 UTC and after ten minutes at 1230 UTC the voice transmission of VC04 started. Another transmission was copied on 2-10 at ca. 1240 UTC on the same frequency.

The part of the first morse message that I heard was this: " ii = 2D4 4D0 4D6 AR AR 00 ZNN K SK SK ". The part was unreadable. Recording available on the N&O website.

MORSE STATIONS

MX - Russian Military beacons



Reported beacons.

European Cluster Beacons D, P, S, C, A, L

(note that "L" transmits on only two frequencies 7041.8 and 8487.8 kHz)

Asian Cluster Beacons F, K, M

Channel markers / beacons

R - 4325.9 kHz

V - 3658, 4150, 6809 kHz

3658 kHz, 2139 UTC, 28-09. Beacon "V" + short CW message.

M01



M01 5020 kHz, 2000 UTC, 06-09

563 345 30 =
80730 58442 39450 46306 59895
11194 92304 35400 41910 06421
20345 42054 17984 12095 64598
31289 82020 32015 63931 81927
81802 06512 01931 80611 40129
23022 23922 29780 31188 74796
= 345 30
000

M01b 4585 kHz, 2010 UTC, 09-09

582 106 31 =
86025 86423 96574 40460 34002
00467 62773 69028 53738 03382
69828 49124 62754 03121 40131
27335 33387 21836 86724 25957
14752 95200 28549 13387 32196
62002 12569 73149 98185 99035
12345
= 106 31
000

M01b 4440 kHz, 1902 UTC, 02-09

153 106 31 =
86025 86423 96574 40460 34002
00467 62773 69028 53738 03382
69828 49124 62754 03121 40131
27335 33387 21836 86724 25957
14752 95200 28549 13387 32196
62002 12569 73149 98185 99035
12345
= 106 31
000

M01 5474 kHz, 1800 UTC, 22-09

463 523 30 =
60378 45015 37793 93984 11696
34638 51029 88202 23245 22544
69951 50050 51561 45174 90935
77842 62846 44901 95931 63764
10566 99561 10179 69770 82429
27422 65792 79537 13586 71579
= 523 30
000

M03



9150 kHz, 1320 UTC, 22-09: 437/00 = = 000, at 1313 UTC carrier followed by series of "VVV"

6977 kHz, 1140 UTC, 24-09: 786/00 = = 000 "VVV" at 1133 UTC

M12

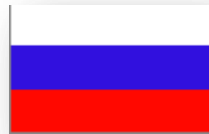


6793 kHz, 2100 UTC, 21-09 785 785 785 000

5893 kHz, 2120 UTC, 21-09 785 785 785 000

6793 kHz, 2100 UTC, 28-09 785 785 785 000

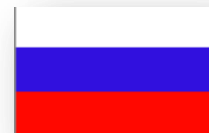
M14



4020 kHz, 21-09, 2030 UTC 198 198 198 00000

M21

Soviet Air Defence Forces
Voyska Protivo Vozdushnoy Oborony
Во́йска ПВО Voyska PVO



Id ??? 3229 kHz

Id "8" 4627, 8172.5 kHz

Id "9" 7166, 10888 kHz

M22 – 4XZ - Israeli Navy



4331//6379 kHz, 2350 UTC, 01-09
4331//6379 kHz, 0116 UTC, 22-09
2680//4331/6379 kHz, 1742 UTC, 25-09

"= = VVV DE 4XZ 4XZ = =" on all logged schedules.

M23

M23 was a regular guest in September. See the Logs Section for the logs. In this section I have included the transcripts of several messages. All submitted by JPL.

15-09, 1621 UTC (In progress)

..993 30450 71030 BT
? ? (IMI IMI)
BT 31 31 BT (1622z)
06519 05403 00427 81809 97275
92762 31308 24072 42537 66393
48020 91157 86528 43753 82086
35420 03537 08311 62810 73732
23563 41108 54348 48586 12877
054e (1627z stopped - would normally ends with AR AR)

19-09, 1800 UTC

246 (R15)
BT 31 31 BT
57070 13806 09782 15468 90302
42294 80197 84132 64449 06497
01249 12528 60481 70674 59976
92878 15217 56673 37983 31431
52561 22952 25531 11465 18239
35589 39797 89358 48660 78538
60831 32257 BT
IMI IMI

BT 31 31 BT (Message repeated)

Repeated message ended at group 26 – 3550 as in letter Oscar at 1827 UTC. Note that there are actually 32 groups and not 31 as denoted in message header.

15-09, 1700 UTC.

246 (R15)
BT 32 32 BT
34197 06803 89886 19954 57703
92103 49229 48913 30255 57462
53249 46783 89992 21255 39315
49205 67998 10982 52661 46683
23821 81210 72145 70484 03181
21585 79144 92725 20351 95825
30860 71379
BT IMI IMI BT
32 32 BT (Repeat of above message)

20-09, 1805 UTC (in progress)

246 246 246 (Repeated)
BT 31 31 BT
57070 13806 09782 15468 90302
42294 80197 84132 64449 06497
01249 12528 60481 70674 59976
92878 15217 56673 37983 31431
52561 22952 25531 11465 18239
35589 39797 89358 48660 78538
60831 32257 BT
IMI IMI

BT 31 31 BT (Message repeated)

Repeated message yesterday ended at group 26 - 3550 - today completed group 26 - 35589 and just started next number when the transmission ended. Again 31 groups instead as 32 as mentioned in the header.



Quite a lot if M51 logs this month. See our Logs Section for the logs.

Spectre also sent me a number of transcripts. I have included some of them here. Thanks for that!

M51 4889 kHz 0033 UTC 02-09 Transcript:

NR 14 S 02 02:33:27 1983 BT
 DZDFT XTRQA RZARJ BRMDP SMJBF TTTKB SXCJB YHSIZ SEQSQ LSEIW
 PKREV HJBAU YXXPL JGBUD SPGPS TVMPP WDQXR EYBQK XGQBK CYIBR
 TEUIH HMPTG MLFTR SHGKJ VIOQD HAFWU BWSLD KGLTR OWNEX GMIAV
 UTFOM HBBGD XJFPE FEPGI OHKER SZKBF LBJBN AJNEP OLLWQ TUJCY
 VLISN QRJZD URFQE PDUGM FPAEG IVDEO VXALS BEKWC BKFFY ABBXB
 KGXPO TTUNJ YYDLN CPIRF GHULF DGFSN GDKWC QWAVP SDVMM UMJFN
 IMFFJ RYJXZ MNAQC EPMMD XERWM RGSOI CMLIV OMNWN PSOYT EQAGP
 QVYBB USTNH YGZYL NURJS SNDLZ LJQLC ZIHSC BRWHP CBMNY QSKOG
 TCMCG VMUKZ FATLM JKCSQ ZRRYJ UHATC HNZPK YUGOB YJXJL IPOKE
 NMRFQ HMRRR YGZAW JDQQR OLNBU MBSEX RNWLF AGUCD AYVHM FSSKQ BT

M51 5426 kHz 2259 UTC 16-09 Transcript:

NR 15 S 15 00:59:59 1983 BT
 BIMSE XKQXG EKXUA TTKPC TWPAY SVSDN GDRMG NNOUP POZXV LJCY
 GMIVC CEFKX EFCRO HYMQP CLXBO XXKYN JMVML KNNQL VSDUF DTEG
 ZPHFS ICCIV RMOKI QUYJZ ALFSY TPCBO KCKTN FSWLY QIOTU EKCJL
 JMCQG GYVJN IXMHD SBAOG CQVCV LIFJB SGIEL ZRYMV TPHQC TVSH
 WDGHG WTUJC CFQJH RPTBF AJETM IZDPK VAAET NVWXM ZHIHK HLTXT
 OFXCG UNMQB WDLVK ZABQX WKBJF QTCAM UDYCY ARRSR CSORZ RJIFG
 HFNSO XTLRH PGKES DWTIU MNDFY JNPZX DEWRT WFOHR TZTTX BZIXJ
 ISASF KSBHX LNGTT RWOTY SBUUG VIDNW JMUIN VIXZC PDQZQ TUBYX
 SUGDE XCTQS TTVID TYPGE FMBOO BBPEH MCRTS EOZJZ QCUYD NWLIU
 IJQJG DYRYP OJCZV QGHCG HJESI BRJQE MDQKS NCMOS JTZSN WZFTI BT

M51 5426k Hz 0135 UTC 17-09 Transcript:

NR 40 S 15 03:35:49 1983 BT
 LUXBL BLYQM YLAFH SJIAI APYXM VQGRI GFETW RZSCC KRLWA WOZET
 KTYMB VGMNO PUASP WYFYO CMQKF EXJCN OGQRB ROXAS ZIONV EVRLI
 VVVWO EDUZZ PMUEU SOWEH WJYIY CFQIG DKMTM TYCHE MGNQO JBDMX
 JWEVP EQFMT ZFCDT QVNYW VHOZY QZGUN WNGJT ZFBCO NBCUI SNTGE
 APDHG ENYOS OTOOO GWGEV DVVXJ PWRSN XRDZT POOSR EFZYL YTUEP
 DDEUR IZWZU AHMQR GHYHV MVETY NEMXB QOUVP EWGJJ CBDLK MHEQI
 GWOFG WLEJE RWUCC AOWZG NJUXQ LSKFB TZBMH HPOPX PYOUL VCDFO
 DVSSU WZTEM ZRTOJ MRLRK RYGTN GXUAY PKFDT SYXOX DMPLZ WPUIS
 NOFVR RGLUP FIPBR ETGIE SLPXJ EVAEH RBJQU KDTEG ELFRD NQTGS
 CDPWG CCIZL KZOBV VTTTB FMPYT LYTYJ FCROH WLGZW DVMVS FSVJH BT

M51 5426 kHz 0213 UTC 17-09 Transcript:

NR 46 S 15 04:13:20 1983 BT
 KPEXE TWJNS GUKRO TOFUM PNDKL FSKXV CFCTH WLMZC AGQSZ EVEHC
 VCNAW VILNH CLMPZ ZLUMZ QHYYD LKLOA IHUPN ZFYLU IQSLD BWOEJ
 JUNMF IYUDQ WOFGH TDWNE GNUVD MQFZF EKDMW DUJJV LZPTU AAOUH
 YWSJV QRGBK YHEEP PPKSS VZORG HKEXK UVEAA TMBNM FTSQF ANVHG
 KJBVQ ZWTUV YUKES OYLAK RZOFT PKTRT FLVAU JSEGL ZPJRU YOBNX
 SFFNF LWBZK OCFMG VYTPP WLQRO EYVLZ HAEJA YWZHL LFTOX QKLRN
 POUQO TATVQ TMDGB ZWCAB RUJUQ XLAKC FKZMT QFAJD IBNOK OENNY
 SSBMM ZNXRN SOZNO SDYGG NHFWL YVNOP NIRUW QRZQJ ETIBO EZUBT
 WTKND ZWFND HHMFH XZTBE CCCEO MQZQC FBQID KSEUQ AATUU QPKRY
 WGYBG ZDDDW ZFYRM ICTJJ XJHGJ QUPHN PVKGC BEDEX BZGPH CVRRT BT

M89 – Chinese military



VVV Q2M Q2M Q2M DE NYZ NYZ QSA? k	4860, 6840, 10640 kHz
V MB3R MB3R MB3R DE YA6X YA6X	Not heard
V QPZM QPZM QPZM DE WOXN WOXN	4523, 7568 kHz. Not heard since 8 August
V JA3L JA3L JA3L DE UN2T UN2T	Not heard. Replaced by DRV8???
V 7NPE 7NPE 7NPE DE QV5B QV5B	4225, 5500, 7582, 8110 kHz
V 7NPE 7NPE 7NPE DE CI4W CI4W	Not heard
V DKG6 DKG6 DKG6 DE 3A7D 3A7D	3642, 5230, 7602, 10180 kHz
V GKVZ GKVZ GKVZ DE Q7NW Q7NW	3297 kHz
V 9VUP 9VUP 9VUP DE JR5U JR5U	Not heard
V RXP7 RXP7 RXP7 DE CZT2 CZT2	8024, 8988 kHz
V H2FL H2FL H2FL DE DRV8 DRV8	3797, 8040 kHz
V WITN WITN WITN DE GNXG GNXG	10779 kHz
V K=D8WT K=D8WT K=D8WT de O9VE O9VE	not heard
V 8TNKT 8TNKT 8TNKT DE K6WG K6WG	16720 kHz
V HJ4I HJ4I HJ4I DE YI4K YI4K	4982 kHz

New callsigns and frequency:

V 8TNKT 8TNKT 8TNKT DE K6WG K6WG on 16720 kHz

Sample transcript:

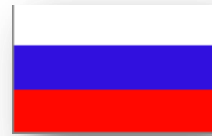
4982 kHz, 1333 UTC, 30-09. Already in progress.
... 192 80 09 30 2139 BT
3A57 4.4T (Continues message) ... T34. D7DU AR (1345z)
QSA QSA QSA 2152 QSL 2151
NR
MS7G GA NR 007/CCKCK 192 80 09 30 20/RMKS CQ
377A N75T ... (Continues message)
AR AR (1400z)
QSL 2206 QSL 2206
V HJ4I HJ4I HJ4I DE YI4K YI4K (1402z)

Notes from JPL:

The HJ4I DE YI4K callup is a known M89 callsign, but has only been logged on one frequency, that being 4770. Was not able to find a // frequency on other known M89 frequencies, which means that there is still one unknown // night freq and probably 2 unknown daytime frequencies for this newly appeared station. First time that I've copied an M89 station where the operator sends a QSL for a message. Although both messages had 192 groups, the messages sent were both different. The M89 mystery continues...

VARIOUS MODES

M42 & X06 - Russian Government / Intelligence



Frequency	Date	UTC	Remarks
12135	29-08	0434	RWH3 presumed Russian Gov/Intel. Callup "RVQ4 DE RWH3" into crypto data. Modes CW + Baudot 2,5 stb/50/500E
12184	01-09	0420	RQF presumed Russian Gov/Intel. Callup "VVV RDI DE RQF QSA" into crypto data. Modes CW + Baudot 2,5 stb/50/500E
12165	02-09	0620	Russian Gov/Intel. Mode RUS-ARQ 100/500
14824	02-09	0854	Mazielka. Sequence 625413
16103	02-09	0926	Mazielka. Sequence 645321
16103	02-09	1201	Mazielka. Sequence 231654
12174	02-09	1642	Russian Diplo. Mode CROWD-36
12228	03-09	0721	Russian Gov/Intel. 5FG msg every 50 groups ending with sum of figures =50= ending with CFM and gone. Mode Baudot 1,5 stb/50/500E
14631	07-09	0851	Mazielka. Sequence 362154
20690	07-09	0851	Mazielka. Sequence 156345
8172.5	07-09	1255	Russian Gov/Intel. Mode CROWD-36
9206	07-09	1230	Presumed Russian Gov/Intel. "9pnt 9pnt 9pnt de k4mt k4mt k - qsa 2 k - rpt k - nil sk". Mode CW
13940	07-09	1657	Mazielka. Sequence 156234
11084	07-09	1907	Russian Gov/Intel. Mode Baudot 200/500
9052	07-09	1908	Russian Gov/Intel. Mode Baudot 200/500
12188	07-09	2102	Russian Gov/Intel. Mode FSK 200/1000 (ACF=288)
10253	07-09	2110	Russian Gov/Intel. Mode FSK 200/1000 (ACF=288)
8041	07-09	2124	Russian Gov/Intel. Mode FSK 200/1000 (ACF=288)
12177	09-09	0751	Mazielka. Sequences 215346 AND 356412
16115	09-09	0754	Mazielka. Sequence 215346
14650	09-09	0801	Mazielka. Sequence 215346
9106	09-09	1524	Mazielka. Sequence 564213
11585	06-09	0428	RDI alleged Russian Gov/Intel. Callup RQF DE RDI QSA4 QSA? ZZW. Mode Baudot 50/500E + CW
6824	06-09	2030	Russian Gov/Intel. Mode FSK 200/500
5345	06-09	2040	Russian Gov/Intel. Mode FSK 200/500
5345	06-09	2050	Russian Gov/Intel. Mode FSK 200/1000
9200	06-09	2100	Russian Gov/Intel. Mode FSK 200/1000
7745	06-09	2110	Russian Gov/Intel. Mode FSK 200/1000
5400	06-09	2120	Russian Gov/Intel. Mode FSK 200/1000
4057	07-09	0405	RMA2 alleged Russian Gov/Intel. Callup RGK2 DE RMA2 QSA into crypto traffic. Mode Baudot 50/500E + CW
9106	08-09	1524	Mazielka. Sequence 564213
12177	09-09	0744	Mazielka. Sequence 215346
12177	09-09	0749	Mazielka. Sequence 356412
16115	09-09	0754	Mazielka. Sequence 215346
14386	10-09	1102	Russian Gov/Intel. Mode FSK 200/1000
12208	10-09	1110	Russian Gov/Intel. QSY from 14386 kHz. Mode FSK 200/1000

10486	10-09	1120	Russian Gov/Intel. QSY from 14386 cf then 12208 kHz. Mode FSK 200/1000
11055	12-09	0724	Russian Gov/Intel. Mode FSK 200/1000
8088	12-09	0724	Russian Gov/Intel. Mode FSK 200/1000
9274	12-09	0800	Russian Gov/Intel. Mode FSK 200/1000
13517	12-09	0954	Mazielka. Sequence 463125
10270	12-09	1005	Russian Gov/Intel. Mode Baudot 200/500 "ry ry ry ry ry...."
10270	12-09	1015	Russian Gov/Intel. Mode FSK 200/500
12209	12-09	1025	Russian Gov/Intel. Mode FSK 200/500
14432	12-09	1035	Russian Gov/Intel. Mode FSK 200/500
14675	13-09	1032	Mazielka. Sequence 612534
6823	13-09	2040	Russian Gov/Intel. Mode FSK 200/1000
9253	13-09	1029	Mazielka. Sequence 612534
5345	13-09	1047	Russian Gov/Intel. Mode FSK 200/1000
7744	13-09	2110	Russian Gov/Intel. Mode FSK 200/1000
5398	13-09	2120	Russian Gov/Intel. Mode FSK 200/1000
22925	17-09	1130	Mazielka. Sequence 123456. Active for over 2 hrs, at least till 1303 UTC
11090	18-09	0838	Mazielka. Sequence 123456
12060	18-09	0944	Mazielka. Sequence 351264
12223	18-09	1625	Mazielka. Sequence 1-2
12100	18-09	1723	Mazielka. Sequence 123456
10255	18-09	1840	Mazielka. Sequence 351264
11010	18-09	1845	Mazielka. Sequence 351264
18775.5	19-09	1411	Russian Gov. Very long transmission. Continued till 1555 UTC. Mode CROWD-36
18757	19-09	1420	Russian Gov. Mode CROWD-36. Long transmission. It was already in progress at 1420 UTC and lasted until 1557 UTC
6940	19-09	1853	Mazielka. Sequence 123456
7730	19-09	2008	Mazielka. Sequence 123456
7855	19-09	2036	Mazielka. Sequence 123456
14631	20-09	0829	Mazielka. Sequence 362154
7856	20-09	1738	Mazielka. Sequence 123456
7730	20-09	1756	Mazielka. Sequence 123456
10871	20-09	1906	Mazielka. Sequence 123456
7856	21-09	0052	Mazielka. Sequence 123456
21002	21-09	0850	Russian Gov. Mode CROWD-36
12124	22-09	0755	Russian Diplo. Mode CROWD-36
12126	22-09	0801	Mazielka. Sequence 521634
9353.5	28-09	1007	Russian Gov. Repeating sequence "brqdhxdzpuimmt59671=//,+5,?95#190". Mode CROWD-36

XSL a.k.a. Slot Machine

Japan Maritime Self-Defense Force

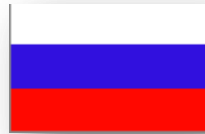
海上自衛隊 Kaijō Jieitai



The Slot Machine was heard on a number of its usual frequencies: 6250, 6417, 8313, 8588 and 8703.5 kHz

MILITARY STATIONS

M32 Russian/CIS/Ukrainian Military SSB & CW Stations



4079.0	Russian Navy Kaliningrad RMP
5164.0	Russian Navy Kaliningrad RMP wkg RJL99 "ZYS ZZD1 ZZN k"
6769.0	Russian Navy RFK99 clg RJC66
6779.0	Russian Mil "GPOC DE QQ3R QTC 958 19 14 23T4 958 = 975 ="
6851.0	CIS Mil?? "nil QRU? K", QYD 54618 54618 54419 54419 54618 54618 54619 54619 54618 54618 54749 54749? K"; "ok QTA? K", "... SLV k"
6962.0	Russian Mil "RDL RDL RDL 11111 30842 71818 87422 ... 27042 k"
6994.0	Russian warship RGR35 wkg RIT.
6989.0	Russian Navy RAL2 wkg RMW2, RHQ2, RBL66, RBL672, RIB2, RKA2, RLO2, RBL70, RBL66, RBL672
6994.0	Russian Mil "LDBO LDBO LDBO QTC 519 23 18 17_0 519 = ..."
7054.0	Russian Air Force HQ REA4
7664.0	Russian Navy "RMMA DE RIW QYT9"
7763.0	Russian warship RIR98 wkg RIW "RIW DE RIR98"
7963.0	Russian Mil 7PA7 wkg 75LN
7994.0	Russian Mil JM2T duplex radio checks with 3A5E and GWOE .
9145.0	Russian Navy: RMMA de RIW K
9218.0	Russian Mil "rjf95 rjf95 rjf95 de rjf94 rjf94 qsa ? k"
10332.0	Russian warship RIS96 wkg RIW "RIW DE RIS96 QYT4"
11000.0	Russian Navy. Logged on 06-09-2011 1323 UTC "RHY47 DE RIW QYV QWH 8678 / 11814 QSX 12398 / 8338 K" 1338 UTC "RIW 619 20 6 1725 619 BT 839 BT

11111 66773 84970 46135 71984 44009 67218 92737 88568 53296
 36615 80983 52083 26298 82058 43901 18251 90685 59845 06019 BT
 RPT AL AR RIW K"

1349 UTC "VVV RJQ84 RJQ84 RJQ84 DE RIW RIW QSA IMI K"
 1410 UTC "RHY47 DE RIW QYT4 QSA 4 QMO K"

12160.0 CIS Mil WMLE duplex radio checks with PSWB , MUZE , 2UZE , 6YPE

12166.0 Russian Mil "HFPR DE FWIL QTC 195 45 2 1800 195 = 387 ="

12705.0 Russian Mil "xxx xxx wegi wegi 37546 boltonec 5240 0569 k"

12741.0 Russian General Staff "xxx xxx reu reu 15778 39558 brojöanik 1195 8753 k";
 "xxx xxx red4 red4 rdl rdl 96354 53804 progressiä 7157 7397 k"

12832.0 --- Russian General staff, unid RC, 1026, F1A strategic flash msg to collective "RDL";
 "xxx xxx rdl rdl 68483 08613 adroksum 6561 6183 k" followed up 1036utc by new strat msg;
 "xxx xxx rdl rdl 19811 85331 dwudolxnyj 9157 1268 k" // 7657, 9068, 9346, 10535, 12741,
 14411, 14664, 16112, 18107, 20268 (19/SEP/2011)(TJ)

14096.0 Russian Mil "LGEG DE DLZA AR"; "PKFD DE DLZA QTC"; "DLZA 116 24 11 1104 116 = (5FGs)";
 "KSSZ DE DLZA ar"

14100.0 Russian Mil "XXX CHEM 811291 SOLANOJ 8118 0855"

14108.0 Russian Mil "ZRG5 DE I4CM QRJ? QYT9 K"; "Y1CQ QTC ZLM AR"; "ZFV ZBR ZAW QYT6 K";
 "ZRG5 DE I4CM ZPH ZMH ZVE QYT9 K"; "V6FL DE AYVE"; "H67I DE 6KEG QRJ NO QRJ? QYT9
 K"; "NTIE DE K2SK QTC K"; "6OEC DE K2SK ZCR ZXI ZKP QYT6 K"; "6OEC DE 6KEG QYT6 K";
 "IVGX DE ITC8 QTC K"; "STVP DE IQLG QLS QYT6 K"; "STVP DE XRQD ZHP ZBR ZMA QYT6 K";
 "XXX C1OB 6Z2S 25175 56039 NITROKSIL"; "XXX 5J7Q TUZR 19926 22227 KISETNYJ"; "XXX
 1HSF JFB5 78753 16058 PIROFOS"; "XXX XB2M 2V8I 78420 07930 GIPOFORIN"; "XXX WRNU
 LNR4 39196 43640 LIPUNOK"; "LQZ3 DE ITC8 QTA QLX K"; "WYLT de K2SK"; "6OEC de K2SK
 qtc 696 ddddd SKVPB"; "H67N de K2SK 106P K"; "2PXS de K2SK K"; "WRNU de LNR4 xxx
 xxx 39196 43640"; "BLBE DE ITC8 QTC K"; "ZRG5 de I4CM QBE QYT9 k"; "ARGD de GXNN
 QBE QYT9 k"; "HJ2M de GXNN QBE QYT9 k"; "OH8M de AYVE"; "9PPU de AYVE ZYI ZER XZM
 QYT6 k"; "1G6P de K2SK"; "MKXG de K2SK"; "XXX 0543 4262 CITONAL 6288 4436 K"; "XXX
 4761 7008 WISLATINA 6774 2103 K"; "XXX 5504 1805 PIRIDON 9096 9427"; "XXX 3508 3380
 TIPIOESWKIJ 1893 6384 K"; "XXX G5CX F2ET 85069 74876"; "BRUSOWINA 5632 3347 K",

Callsigns AYVE, 9PPU, ARGD, HJ2M, GX7F, V6FL, OH8A, ZRG5, Y1CQ, I4CM, 6KEG, H67I, BTIE,
 K2SK, 6OEC, 6KEG, IG6P, LT8Y, 2PXS, 9FD1, STVP, IQLG, ITC8, IVGX, XRQD, 5J7Q, C1OB, 1FNU,
 5IC7, FBGN, IDNU, IQZ3, HZZH, BLBE, WRNU, XB2M, 1HSF, LQZ3, WYLT, H67N, 2PXS, LNR4,
 BLBE, GXNN, 1G6P, MKXG, JDFH, SU4H, CTQG, HHKF, E1AO, 9UFJ, TJ6E, IKWY, WL6K, G1FH,
 NGTY, 4FMH

14110.0 Russian Mil "DGV6 DE YXHN K"; "DGV6 DE PNB7 K"; "ICDK DE QLBB OK ZWO ZSA ZBL
 QYT6 K"

14172.0 Russian Mil PBLK, LFMV, ZTFM, TI2C, JIIY, ATDT, XT8M
 "JIIY de ATDT 14634111219146 ="
 "65134111236=651=ZUN 111" followed by 5FGs

14221.0 Russian Mil "RJS de RJE56 QSA? K"
15812.0 Russian Navy "tnjq84 de rit qrr3dqdw 5416ok?k"
15920.0 Russian Mil RJF94, Russian Naval Air Transport
17468.0 Russian Navy RIW
19304.0 Russian Navy RMMA de RIT
21001.0 Russian Mil RBMN
21438.0 Russian Navy "RIP90 DE RCV"

UTILITY ROUND-UP

Libya NATO Operation "Unified Protector"



10125 kHz, 03-09, 1233 UTC. Various messages in Arab and English
10404 kHz, 04-09, 1209 UTC. Various messages in Arab and English. Still on at 1435 UTC
10404 kHz, 09-09, 1300 UTC.

Did the transmissions end? I haven't heard them or seen any reports since September 9th

Below two pictures of Commando Solo, the modified EC-130 aircraft that has been used for the psy-ops transmissions.



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Unid Indonesian weather? net



Still active on 14277.7 kHz and still no idea who they are. Recordings are welcome.

28-08-2011, 2010 UTC, 2 men passing coded messages

01-09-2011, 0052 UTC, female passing coded messages

Unid Chinese(?) time stamp station

Brandon posted a log of an unid oriental station that he copied on 5449 kHz USB. He first heard it on 28 September. The language is at the time of writing still not known. Some words sound Chinese while other words sound more like Vietnamese. Token has copied the station as well. Recordings of this station can be downloaded from the N&O website.

Both Rich and Westli identify the language as Chinese. Rich states that she is speaking Mandarin and repeating the figures 4 3 0 1. According to Kleanthis (mother language Kantonese) it is not Mandarin but possibly Vietnamese.

Westli sent an interesting comment. *"The numbers on the radio are different in some cases. In this 5449 stuff she is giving the time in the Beijing time zone (UTC+8) and since all transmissions so far have been five minutes long, the last two digits will be 05. If the time of the transmission was 1300z, she should be giving the time as 2105, and she does. It sounds like 'liang yao doong wu'. Then she says 'wu shir, dzai hwei', no business, out. She is calling a callsign that sounds like 'xucan 01' (sounds like shoo tsan doong yao)."*

So, no numbers but a callsign? We still have mystery here ☺

The station is very busy. It has skeds at 0900, 1100, 1300, 1500, 1700, 1900 UTC and probably more but they were not audible (yet).

Format: a lady reads 4 figures? a callsign? during four minutes and it ends with a time stamp like this "2 o'clock afternoon and 53 minutes".

Unid Chinese station

I received this old log on 4 September. Does anyone know who this is?

14015.8 kHz, 5 June 2011, 1315 UTC. Groups of Chinese words repeated for 10 minutes.

Pirate stations

The infamous Italian pirate station is still active, using callsign HWK7. "vvv vvv de hwk7 ar"
Frequency 6998 kHz.

Unid

Heard by Jon-FL in Florida on 10651 kHz at 0257 UTC on 17-9. Mode CW.

VERY weak signal, hard to copy "297 AA.9 AS AS 7 3777 3777 (10 sec break) 29B77 29B77 (end)"
Info about this station is most welcome. Both M14 and M51 have been using this frequency but the format of Jon's station is different.

Driftnet beacons

These MW beacons were heard in Australia.

1800	2ARM	1805	4QXJ	1820	4IKZ
1800	2AFLM	1806	VZ6	1820	2AFQR
1800	3YRZ	1807	2AEGH	1820	4IKZ
1802.9	4BHI	1810	DZ4	1825	2ABXY
1804	2AHAF	1811	4QVS	1826	LF9
1804	4JBT	1811	2AFOP	1834	2AHAP
1804	2AFMN	1815	YR7		
1804	4JBT	1817	4QVZ		

Intelligence profile Iceland



BACKGROUND

Settled by Norwegian and Celtic (Scottish and Irish) immigrants during the late 9th and 10th centuries A.D., Iceland boasts the world's oldest functioning legislative assembly, the Althing, established in 930. Independent for over 300 years, Iceland was subsequently ruled by Norway and Denmark. Fallout from the Askja volcano of 1875 devastated the Icelandic economy and caused widespread famine. Over the next quarter century, 20% of the island's population emigrated, mostly to Canada and the US. Limited home rule from Denmark was granted in 1874 and complete independence attained in 1944. The second half of the 20th century saw substantial economic growth driven primarily by the fishing industry. The economy diversified greatly after the country joined the European Economic Area in 1994, but Iceland was especially hard hit by the global financial crisis in the years following 2008. Literacy, longevity, and social cohesion are first rate by world standards.

GENERAL

Name	Lydveldid Island (Republic of Iceland)
Short form	Iceland
Capital	Reykjavik
8 Regions	Austurland, Hofudhborgarsvaedhi, Nordhurland Eystra, Nordhurland Vestra, Sudhurland, Sudhurnes, Vestfirðhir, Vesturland

MILITARY BRANCHES

Iceland has no standing military force; under a 1951 bilateral agreement - still valid - its defense was provided by the US-manned Icelandic Defense Force (IDF) headquartered at Keflavik; however, all US military forces in Iceland were withdrawn as of October 2006; although wartime defense of Iceland remains a NATO commitment, in April 2007, Iceland and Norway signed a bilateral agreement providing for Norwegian aerial surveillance and defense of Icelandic airspace (2008)

INTELLIGENCE & SECURITY SERVICES

Greiningardeild Ríkislögreglustjóra (GRLS) (National Security Agency)
Formerly Eftirgrennslanadeild Lögreglunnar and Útlendingaeftirlitið
Greiningardeild Varnarmálastofnunar Íslands (GVMSÍ) (Icelandic Defence Agency)
Formerly Military Intelligence Service and Icelandic Intelligence Service (IIS)
Skattrannsóknarstjóri Ríkisins (National Tax Investigation Police)

- Greiningardeild Ríkislögreglustjóra (GRLS) (National Security Agency)

In 1939 the State Police and the Útlendingaeftirlitið (Foreigner monitoring agency) founded a Security department or eftirgrennslanadeild. This service was founded primarily to monitor Nazi German scientists in Iceland as well as communists. After World War II this service had the embassies of communist countries under surveillance and compiled lists of communist sympathizers and potential saboteurs or terrorists. It was not until 2006 that this service was officially acknowledged, after having been known to only a handful of men for more than 60 years, after historians were granted limited access to secret documents. Currently the National Commissioner's National Security Unit (Greiningardeild Ríkislögreglustjóra) handles internal intelligence activities.

- Greiningardeild Varnarmálastofnunar Íslands (GVMSÍ) (Icelandic Defence Agency)

The Icelandic Defence Agency's Intelligence Unit (formerly The Icelandic Intelligence Service, or IIS) is charged with intelligence gathering for Defence purposes as well as expeditionary Peacekeeping operations. The Intelligence Unit's origins lie with the Sheriff of Keflavík International Airport. In 2007 it was transferred to the Defence Office and in 2008 to the Icelandic Defence Agency.

- Skattrannsóknarstjóri ríkisins (Directorate of Tax Investigations)

The structure of the Icelandic tax authorities is such that three institutions each have their special fields of work. The offices in question are the Internal Revenue Directorate (ríkisskattstjóri), the State Internal Revenue Board (yfírs kattanevnd) and the Directorate of Tax Investigations. Additionally, there are nine district tax offices located around the country (skattstjórar).

SOURCES / RELATED WEBSITES

<http://www.skattrann.is>

<http://www.logregla.is>

Wikipedia

CIA World Factbook



STASI HQ in Berlin, DDR

LOGS SECTION

frequency	enigma	date	UTC	remarks	mode	day	contributor
3229.0	M21	21-9-2011	0143	ip	CW	Wed	(FMB)
3297	M89	1-9-2011	1115	V GKVZ (x3) DE Q7NW (x2) + 4FG msg	CW		(JPL-HK)
3297	M89	1-9-2011	1444	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	1-9-2011	1928	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	1-9-2011	2118	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	2-9-2011	1122	V GKVZ GKVZ GKVZ DE Q7NW Q7NW	CW		(AB-HK)
3297	M89	2-9-2011	1303	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	2-9-2011	1425	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	2-9-2011	1728	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	2-9-2011	2006	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	3-9-2011	1222	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	3-9-2011	1855	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	4-9-2011	1259	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	17-9-2011	1929	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	18-9-2011	1528	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	18-9-2011	1808	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	21-9-2011	2204	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	26-9-2011	1430	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)

frequency	enigma	date	UTC	remarks	mode	day	contributor
3297	M89	26-9-2011	1927	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	29-9-2011	2212	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	30-9-2011	1331	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	30-9-2011	1648	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3297	M89	30-9-2011	1650	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
3510	M01b	1-9-2011	1832	201-106/31=86025 //4605	CW	Thu	(HFD)
3510	M01b	1-9-2011	1834	201 106 31 = 86025	CW		(FN)
3510	M01b	29-9-2011	1832	201 618 38 = 68073	CW		(FN)
3516	M01b	1-9-2011	1942	477 106 31 = 86025 ... ends 12345	CW		(FN)
3520	M01b	2-9-2011	2010	582-106/31=86025 //4585	CW	Fri	(HFD)
3536	M01b	5-9-2011	1811	420 106 31 = 86025	CW		(FN)
3545	M01b	5-9-2011	1916	771 106 31 = 86025	CW		(FN)
3625	M01b	2-9-2011	1902	153-106/31=86025 //4440	CW	Fri	(HFD)
3642	M89	26-9-2011	1926	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-SVK)
3642	M89	1-9-2011	1443	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
3642	M89	1-9-2011	1927	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
3642	M89	1-9-2011	2110	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
3642	M89	2-9-2011	2005	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
3642	M89	2-9-2011	2231	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
3642	M89	3-9-2011	1854	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
3642	M89	29-9-2011	0024	V DKG6 (x3) DE 3A7D (x2) (Cont'd) //7602	CW		(JPL-HK)
3642	M89	29-9-2011	2210	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
3642	M89	30-9-2011	1645	V DKG6 (x3) DE 3A7D (x2) (Cont'd) //5230	CW		(JPL-HK)
3642	M89	30-9-2011	1951	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
3644	M01b	19-9-2011	1915	771-618/38=68073 //4454	CW	Mon	(HFD)
3658	MX	17-9-2011	2131	Beacon "V"	CW		(AB)
3658	MX	21-9-2011	2152	Beacon "V"	CW		(AB)
3658	MX	28-9-2011	2139	Beacon "V" + short CW message which I couldn't copy because of	CW		(AB)
3658	MX	30-9-2011	2125	Beacon "V"	CW		(AB)
5448	S30	9-9-2011	1648	8S1Shch 59132 PODSTRUZhKA 7736 3663 (R2)	USB		(Danix)
3756	S30	17-9-2011	2126	The Pip; channel marker	CW		(AB)
3756	S30	28-9-2011	2143	Pip marker	CW		(AB)
5448	S32	27-9-2011	1759	Message: "Dlya: A3PS 'MSV YGJZ 12CI 79AJ P'HShch 6YeHB 'UYe8 CP	USB		(Avare)
3793	M89	26-9-2011	1431	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)
3793	M89	26-9-2011	1928	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)
3797	M89	10-7-2011	2258	V H2FL H2FL H2FL DE DRV8 DRV8	CW		(IARUMS)
3797	M89	17-7-2011	2155	V H2FL H2FL H2FL DE DRV8 DRV8	CW		(IARUMS)
3797	M89	21-7-2011	2044	V H2FL H2FL H2FL DE DRV8 DRV8	CW		(IARUMS)
3797	M89	29-7-2011	2214	V H2FL H2FL H2FL DE DRV8 DRV8	CW		(IARUMS)
3797	M89	12-8-2011	2018	V H2FL H2FL H2FL DE DRV8 DRV8	CW		(IARUMS)
3797	M89	12-8-2011	2219	V H2FL H2FL H2FL DE DRV8 DRV8	CW		(IARUMS)
3797	M89	15-8-2011	0443	V H2FL H2FL H2FL DE DRV8 DRV8	CW		(IARUMS)
3797	M89	21-8-2011	2232	V H2FL H2FL H2FL DE DRV8 DRV8	CW		(IARUMS)
3797	M89	25-8-2011	0516	V H2FL H2FL H2FL DE DRV8 DRV8	CW		(IARUMS)
3797	M89	2-9-2011	1304	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)
3797	M89	2-9-2011	1730	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)
3797	M89	2-9-2011	2007	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)
3797	M89	3-9-2011	1224	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)

frequency	enigma	date	UTC	remarks	mode	day	contributor
3797	M89	3-9-2011	1856	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)
3797	M89	17-9-2011	1932	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)
3797	M89	30-9-2011	1649	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)
3797	M89	30-9-2011	1948	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)
3828.9	S32	17-9-2011	2125	Squeaky Wheel; channel marker	USB		(AB)
3828.9	S32	21-9-2011	2151	Squeaky Wheel	USB		(AB)
3828.9	S32	28-9-2011	2142	Squeaky Wheel marker	USB		(AB)
3880.0	M51	14-9-2011	1628	ip.	MCW	Wed	(FMB)
3880.0	M51	15-9-2011	0506	ip.	MCW	Thu	(FMB)
3892	E06	14-9-2011	2020	829 0	AM	Wed	(HFD)
4020.0	M14	21-9-2011	0230	198 198 198 ttttt	CW	Wed	(FMB)
4029.0	M01a	6-9-2011	2058	".. 111 999...31=...41669=";" 111 ttt"	CW	Tue	
4057.0	M42	6-9-2011	2100	Russian Gov/Intel.	FSK 200/500	Tue	
4150	MX	17-9-2011	2132	Beacon "V"	CW		(AB)
4225	M89	1-9-2011	1113	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	1-9-2011	1442	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	1-9-2011	1926	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	2-9-2011	1123	V 7NPE 7NPE 7NPE DE QV5B QV5B //5500	CW		(AB-HK)
4225	M89	2-9-2011	1325	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	2-9-2011	1726	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	2-9-2011	2004	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	2-9-2011	2230	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	3-9-2011	1853	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	4-9-2011	1300	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	4-9-2011	2210	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	17-9-2011	1927	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	18-9-2011	1529	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	18-9-2011	1810	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	21-9-2011	2205	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	25-9-2011	1816	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	26-9-2011	1432	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	26-9-2011	1930	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	29-9-2011	1046	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	29-9-2011	2209	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	30-9-2011	1413	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	30-9-2011	1952	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4225	M89	30-9-2011	2239	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500	CW		(JPL-HK)
4230.0	M51	20-9-2011	1750	ip	MCW	Tue	(FMB)
4232.0	M51	27-9-2011	0049	ip	MCW	Tue	(FMB)
4325.9	MX	14-9-2011	2035	Beacon "R"	CW		(TJ)
4325.9	MX	17-9-2011	2133	Beacon "R"	CW		(AB)
4325.9	MX	22-9-2011	2058	Beacon "R"	CW		(AB)
4326.1	MX	30-9-2011	2126	Beacon "R"	CW		(AB)
4331	M22	1-9-2011	2350	4XZ - Israeli Navy Haifa	CW		(norave)
4331	M22	22-9-2011	0116	4XZ in progress	CW		(norave)
4440	M01b	2-9-2011	1902	153-106/31=86025 //3625	CW	Fri	(HFD)
4440.0	M01b	2-9-2011	1902	153 106 31 = 86025 ... 12345 = 106 31 000 1921z	CW	Fri	(Spec)
4454	M01b	19-9-2011	1915	771-618/38=68073 //3644	CW	Mon	(HFD)
4454	S21	6-9-2011	1842	454 280 32 38383	USB		(FN)
4454	S21	6-9-2011	1842	454-280/32=38383 //4854	USB	Tue	(HFD)

frequency	enigma	date	UTC	remarks	mode	day	contributor
4454	S21	6-9-2011	1843	454 280 32	USB		(MUK)
4454	S21	27-9-2011	1842	454 280 32 38383 62127 67733 etc.	USB		(AB)
4454.0	S21	6-9-2011	1842	454 280 32 38383 ... 17314 280 32 000 1854z	USB	Tue	(Spec)
4454.0	S21	8-9-2011	1842	454 280 32 38383 ... 17314 280 32 000 1854z	USB	Thu	(Spec)
4456	M01b	5-9-2011	1916	771 106 31 = 86025	CW		(FN)
4457	G06	5-9-2011	1700	439 0	USB	Mon	(HFD)
4457	G06	12-9-2011	1700	YL/GG 1 2 3 4 5 6 7 8 9 R2min	USB		(ATCManch)
4476.0	M51	20-9-2011	1750	ip	AM	Tue	(FMB)
4480.0	M01a	16-9-2011	0231	272(x3) 37247(x2)	CW	Fri	(FMB)
4500.0	M01a	16-9-2011	0245	3t3(x3) 17685(x2)	CW	Fri	(FMB)
4521.0	M01a	16-9-2011	0306	414(x3) 38922(x2); 414(x3) 38612(x2)	CW	Fri	(FMB)
4523	E06	14-9-2011	1920	829 0	AM	Wed	(HFD)
4555	M45	6-9-2011	1802	555-280/32=38383 //4955	CW	Tue	(HFD)
4555	M45	27-9-2011	1802	555 (R4) 280 32 = 5FGs //4955 kHz	CW		(AB)
4556	M45	6-9-2011	1802	555 280 32 = 38383	CW		(FN)
4556	M45	27-9-2011	1803	555 280 32 = 38383 62127	CW		(FN)
4557.7	MX	17-9-2011	2129	Beacon "D"	CW		(AB)
4557.9	MX	14-9-2011	2038	Beacon "S"	CW		(TJ)
4570	M01b	8-9-2011	1942	477-106/31=86025	CW	Thu	(HFD)
4571	M01b	1-9-2011	1942	477 106 31 = 86025 ... ends 12345	CW		(FN)
4585	M01b	2-9-2011	2010	582-106/31=86025 //3520	CW	Fri	(HFD)
4585.0	M01b	9-9-2011	2010	582 106 31 = 86025 ... 12345 = 106 31 000 2027z	CW	Fri	(Spec)
4590	M01b	5-9-2011	1810	420 3535 not heard	CW	Mon	(HFD)
4590.0	M01b	12-9-2011	1810	420 106 31 = 86025 ... 99035 12345 = 106 31 000 1823z	CW	Mon	(Spec)
4591	M01b	5-9-2011	1811	420 106 31 = 86025	CW		(FN)
4605	M01b	1-9-2011	1832	201-106/31=86025 //3510	CW	Thu	(HFD)
4605	M01b	29-9-2011	1832	201 618 38 = 68073	CW		(FN)
4625	S28	1-9-2011	1400	Male voice. MDZhB 96 521 BERDOVYJ 67 70 52 94	USB		(AB-EST)
4625	S28	3-9-2011	0300	Male voice. MDZhB 10 422 Apogranit 92 31 75 63	USB		(AB-EST)
4625	S28	4-9-2011	1320	Male voice. MDZhB 80 413 KIZIAK 95 26 24 34	USB		(AB-EST)
4625	S28	5-9-2011	1230	Male voice. MDZhB 75 939 NIZKIJ 34 52 32 31 MDZhB 55 739 NIZKIJ	USB		(AB-EST)
4625	S28	5-9-2011	1250	Male voice. MDZhB 09 402 ZIZIFUS 91 36 32 41	USB		(AB-EST)
4625	S28	5-9-2011	1340	Male voice. MDZhB 94 064 LIZIS 39 50 69 22	USB		(AB-EST)
4625	S28	5-9-2011	1341	Male voice. MDZhB 41 079 KIZAR 56 09 66 06	USB		(AB-EST)
4625	S28	9-9-2011	1130	Male voice. 94ZhT 44 729 Sizal' 79 84 36 62 Sidno-karb 41 72 92	USB		(AB-EST)
4625	S28	16-9-2011	0243	Male voice. TsKIM 20 573 Vykroi 07 02 21 81 Mark-buzir 91 08 20	USB		(AB-EST)
4625	S28	17-9-2011	0258	Male voice. Ts32M 51 893 Phenoxyls 06 55 70 92	USB		(AB-EST)
4625	S28	21-9-2011	0320	Female voice. MDZhB 68 030 Fibrioznyj 78 93 70 65	USB		(AB-EST)
4625	S28	28-9-2011	1228	'Bom 23597 Diaspor 9615 6383	USB		(AB-EST)
4627	M21	21-9-2011	0312	PVO id "8"	CW		(AB)
4627	M21	24-9-2011	0034	PVO id 8	CW		(AB)
4628	M21	6-9-2011	2105	Russian Air Defence: 990105??8????? - 990108??8?????	CW		(WP3)
4628.0	S06	10-9-2011	1935	366 00000 1939z Very Weak QRN3 QSB2	USB	Sat	(Spec)
4666.0	S28	12-9-2011	2006	Harmonic	USB	Mon	(Spec)
4706.0	S28	12-9-2011	2007	Harmonic	USB	Mon	(Spec)
4794.0	M01a	28-9-2011	1651	248t8(x2); 111	CW	Wed	

frequency	enigma	date	UTC	remarks	mode	day	contributor
4845	S06s	1-9-2011	1410	624 839 5 94515	AM		(FN)
4845	S06s	29-9-2011	1410	624 624 624 00000	USB		(FN)
4854	S21	6-9-2011	1842	454 280 32 38383	USB		(FN)
4854	S21	6-9-2011	1842	454-280/32=38383 //4454	USB	Tue	(HFD)
4860	M89	1-9-2011	1920	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (Thu) //6840	CW		(JPL-HK)
4860	M89	2-9-2011	1320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (Fri) //6840	CW		(JPL-HK)
4860	M89	2-9-2011	1420	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (Fri) //6840	CW		(JPL-HK)
4860	M89	3-9-2011	2020	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (Sat) //6840	CW		(JPL-HK)
4860	M89	4-9-2011	2223	VVV (x3) Q2M (x3) DE NYZ (x2) (In Progress) QSA ? K (Sun) //6840	CW		(JPL-HK)
4860	M89	17-9-2011	1920	VVV (x3) Q2M (x3) DE NYZ (x2) (In Progress) QSA ? K (Sat) //6840	CW		(JPL-HK)
4860	M89	18-9-2011	1520	VVV (x3) Q2M (x3) DE NYZ (x2) QSA ? K (Sun) //6840	CW		(JPL-HK)
4860	M89	18-9-2011	1820	VVV (x3) Q2M (x3) DE NYZ (x2) QSA ? K (Sun) //6840	CW		(JPL-HK)
4860	M89	21-9-2011	2220	VVV (x3) Q2M (x3) DE NYZ (x2) QSA ? K (Wed) //6840	CW		(JPL-HK)
4860	M89	26-9-2011	1922	VVV (x3) Q2M (x3) DE NYZ (x2) (In Progress) QSA ? K (Mon) //6840	CW		(JPL-SVK)
4860	M89	29-9-2011	2220	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (Thu) //6840	CW		(JPL-HK)
4860	M89	30-9-2011	1320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (Fri) //6840	CW		(JPL-HK)
4864	G06	5-9-2011	1800	439 0	AM	Mon	(HFD)
4864	G06	12-9-2011	1800	YL/GG 439 00000	USB		(ATCManch)
4889.0	M51	1-9-2011	1958	NR 60 S 01 21:58:33 1983 BT KSNRN ...	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2100	NR 70 S 01 23:00:48 1983 BT OIBBN ... RIWKN BT 2107z	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2107	NR 71 S 01 23:07:08 1983 BT ELURS ... CRPER BT 2113z	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2113	NR 72 S 01 23:13:22 1983 BT RSQES ... ORVWH BT 2119z	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2119	NR 73 S 01 23:19:28 1983 BT ZOQTG ... YBXG* BT 2126z	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2157	NR 79 S 01 23:57:18 1983 BT EMKGP ... PRQKQ BT 2203z	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2203	NR 80 S 02 00:03:30 1983 BT BYRKE ... OSPSP BT] 2209z	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2209	NR 81 S 02 00:09:45 1983 BT IODTU ... MFIUY BT 2216z	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2216	NR 82 S 02 00:16:01 1983 BT XOBFY ... IJBGI BT 2222z	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2222	NR 83 S 02 00:22:13 1983 BT MFWYN ... IGSQC BT 2228z	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2253	NR 88 S 02 00:53:06 1983 BT BGURN ... WHUFZ BT 2259z	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2259	NR 89 S 02 00:59:21 1983 BT KBHOO ... VD*XM BT 2306z	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2331	NR 04 S 02 01:31:12 1983 BT FVSAY ... KGWXS BT 2338z	CW	Thu	(Spec)
4889.0	M51	1-9-2011	2350	NR 07 S 02 01:50:03 1983 BT DEWPM ... VTXKJ BT	CW	Thu	(Spec)

frequency	enigma	date	UTC	remarks	mode	day	contributor
				2356z			
4889.0	M51	1-9-2011	2356	NR 08 S 02 01:56:20 1983 BT OWZVI ... KNGQD BT	CW	Thu	(Spec)
				0002z			
4889.0	M51	2-9-2011	0002	NR 09 S 02 02:02:17 1983 BT OPQLQ ... AZTZD BT	CW	Fri	(Spec)
				0008z			
4889.0	M51	2-9-2011	0008	NR 10 S 02 02:08:32 1983 BT SXHIN ... WMZJC BT	CW	Fri	(Spec)
				0014z			
4889.0	M51	2-9-2011	0014	NR 11 S 02 02:14:50 1983 BT GEBBB ... MDABM BT	CW	Fri	(Spec)
				0020z			
4889.0	M51	2-9-2011	0021	NR 12 S 02 02:21:20 1983 BT NJAVE ... YMHFD BT	CW	Fri	(Spec)
				0027z			
4889.0	M51	2-9-2011	0027	NR 13 S 02 02:27:12 1983 BT AQQBO ... QJITQ BT	CW	Fri	(Spec)
				0033z			
4889.0	M51	2-9-2011	0033	NR 14 S 02 02:33:27 1983 BT DZDFT ... FSSKQ BT	CW	Fri	(Spec)
				0039z			
4889.0	M51	2-9-2011	0039	NR 15 S 02 02:39:41 1983 BT RVOYG ... UMSJI BT	CW	Fri	(Spec)
				0045z			
4889.0	M51	2-9-2011	0045	NR 16 S 02 02:45:54 1983 BT TNYTP ... WKVGV BT	CW	Fri	(Spec)
				0052z			
4889.0	M51	2-9-2011	0052	NR 17 S 02 02:52:05 1983 BT GBQJT ... EVNRY BT	CW	Fri	(Spec)
				0058z			
4889.0	M51	2-9-2011	0058	NR 18 S 02 02:58:18 1983 BT MMOPU ... LOWHT BT	CW	Fri	(Spec)
				0104z			
4889.0	M51	2-9-2011	0104	NR 19 S 02 03:04:26 1983 BT ZSRCD ... WIVOB BT	CW	Fri	(Spec)
				0110z			
4889.0	M51	2-9-2011	0110	NR 20 S 02 03:10:46 1983 BT WYWAQ ... CHDBF BT	CW	Fri	(Spec)
				0116z			
4909	E11	3-9-2011	1445	287/00	USB	Sat	(HFD)
4909	E11	8-9-2011	0900	248/00	AM		(FN)
4909	S11a	18-9-2011	1355	255/32	USB	Sun	(HFD)
4909	S11a	21-9-2011	1355	254/00 konec	USB		(Danix)
4909	S11a	26-9-2011	1355	254/00 konec	USB		(Danix)
4909.0	E11	24-9-2011	0900	248/00 0903z	USB	Sat	(Spec)
4909.0	E11	28-9-2011	1445	287/00 1448z	USB	Wed	(Spec)
4909.0	E11a	14-9-2011	1445	287/37 Attention 05714 ... 75152 Out 1452z	USB	Wed	(Spec)
4955	M45	6-9-2011	1802	555-280/32=38383 //4555	CW	Tue	(HFD)
4955	M45	27-9-2011	1802	555 (R4) 280 32 = 5FGs //4555 kHz	CW		(AB)
4956	M45	6-9-2011	1802	555 280 32 = 38383	CW		(FN)
4956	M45	27-9-2011	1803	555 280 32 = 38383 62127	CW		(FN)
4980	M23	20-9-2011	1805	246 + msg (see N&O 168) //5345	CW		(JPL-D)
4982	M89	30-9-2011	1333	(In traffic - see below) V HJ4I (x3) DE YI4K (x2) (Cont'd) Message "192 80 09 30	CW		(JPL-HK)
4982	M89	30-9-2011	1652	V HJ4I (x3) DE YI4K (x2) (Cont'd)	CW		(JPL-HK)
4982	M89	30-9-2011	1953	V HJ4I (x3) DE YI4K (x2) (Cont'd)	CW		(JPL-HK)
4982	M89	30-9-2011	2232	V HJ4I (x3) DE YI4K (x2) (Cont'd)	CW		(JPL-HK)
5019	M01	1-9-2011	2000	463 601 31 = 10553	CW		(FN)
5019	M01	6-9-2011	2000	463 345 30 = 80730	CW		(FN)
5020	M01	1-9-2011	2000	463-601/30=10550	CW	Thu	(HFD)
5020.0	M01	6-9-2011	2000	563 345 30 = 80730 ... 74796 = 345 30 000 2010z	CW	Tue	(Spec)
5020.0	M01	27-9-2011	2000	463 348 30 = 64017 ... 2010z	CW	Tue	(Spec)
5023.0	M01a	28-9-2011	1652	(ip) 65631 35t68....= 7.4 ...;111; 333; 111 333 t5t t3t71...	CW	Wed	
5115.0	M51	1-9-2011	2023	NR 64 S 01 22:23:20 1983 BT TPQQD ... EGZLX BT	CW	Thu	(Spec)

frequency	enigma	date	UTC	remarks	mode	day	contributor
2028z							
5116	M51	1-9-2011	2100	French Military morse training. //5403 kHz	CW		(MOR)
5127	S06	1-9-2011	1905	349 0	CW	Thu	(HFD)
5127	S06	8-9-2011	1905	349 0	CW	Thu	(HFD)
5153.7	MX	17-9-2011	2129	Beacon "D"	CW		(AB)
5153.9	MX	3-9-2011	1751	Beacon "S"	CW		(norave)
5153.9	MX	14-9-2011	2038	Beacon "S"	CW		(TJ)
5154	MX	3-9-2011	1751	Beacon "C"	CW		(norave)
5154	MX	17-9-2011	2129	Beacon "C"	CW		(AB)
5179.0	E06	3-9-2011	0130	759 146 30 91221 ... 12112 146 30 00000 0139z	USB	Sat	(Spec)
5179.0	E06	4-9-2011	0130	Russian Man, mostly inaudible, 30 groups.	USB	Sun	(Saber)
5179.0	E06	4-9-2011	0130	759 146 30 91221 ... 12112 146 30 00000 0139z	USB	Sun	(Spec)
5179.0	E06	10-9-2011	0130	759 861 32 16852 ... 62745 861 32 00000 0140z	USB	Sat	(Spec)
5179.0	E06	17-9-2011	0130	759 462 31 02020 ... 31770 462 31 00000 0139z	USB	Sat	(Spec)
5179.0	E06	24-9-2011	0130	759 284 30 85347 ... 11750 284 30 00000 0139z	USB	Sat	(Spec)
5186	E06	1-9-2011	2030	891-246/15=13245 mx in the back- ground	AM	Thu	(HFD)
5186	E06	15-9-2011	2030	OM/EE 891 246 15 13245 24536 12526 27365 18420 91285 14562 2891	AM		(ATCManch)
5186.0	E06	15-9-2011	2030	891 246 15 13245 ... 65745 246 15 00000 2037z	USB	Thu	(Spec)
5197	E06	2-9-2011	2130	634-124/15=64756	AM	Fri	(HFD)
5197.0	E06	2-9-2011	2130	634 124 15 64756 ... 56378 124 15 00000 2138z	USB	Fri	(Spec)
5197.0	E06	16-9-2011	2130	634 124 15 64756 ... 56378 124 15 00000 2137z	USB	Fri	(Spec)
5230	M89	27-9-2011	1855	v DKG6 DKG6 DKG6 de 3A7D 3A7D 3A7D	CW		(FN)
5230	M89	30-9-2011	1410	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
5230	M89	30-9-2011	1645	V DKG6 (x3) DE 3A7D (x2) (Cont'd) //3642	CW		(JPL-HK)
5230	M89	30-9-2011	2238	V DKG6 (x3) DE 3A7D (x2) (Cont'd) //3642	CW		(JPL-HK)
5278	M89	29-9-2011	1045	V GKVZ (x3) DE Q7NW (x2) (Cont'd)	CW		(JPL-HK)
5320	S06s	1-9-2011	1400	624 839 5 94515	AM		(FN)
5320	S06s	29-9-2011	1400	624 624 624 00000	USB		(FN)
5345	M23	2-9-2011	1758	579 (R18)	CW		(JPL-AUS)
5345	M23	4-9-2011	1757	579 (R18)	CW		(JPL-SVK)
5345	M23	14-9-2011	1800	579 (R12) (Wed)	CW		(JPL-AUS)
5345	M23	4-9-2011	1602	579 In Progress	CW		(JPL-F)
5345	M23	15-9-2011	1621	(In traffic) BT (1822z) 31 (x2) BT 06519	CW		(JPL-IT)
5345	M23	19-9-2011	1800	246 (R15) followed by a message (see N&O 168)	CW		(JPL-D)
5345	M23	20-9-2011	1805	246 + msg (see N&O 168) //4980	CW		(JPL-D)
5345.0	M23	2-9-2011	1806	579	CW	Fri	(Spec)
5345.0	M23	6-9-2011	1709	579	CW	Tue	(Spec)
5345.0	M23	8-9-2011	1800	579	CW	Thu	(Spec)
5345.0	M23	9-9-2011	1700	579	CW	Fri	(Spec)
5345.0	M23	9-9-2011	1800	579	CW	Fri	(Spec)
5345.0	M23	10-9-2011	1600	579	CW	Sat	(Spec)
5345.0	M23	10-9-2011	1700	579	CW	Sat	(Spec)
5345.0	M23	10-9-2011	1800	579	CW	Sat	(Spec)
5345.0	M23	11-9-2011	1700	579	CW	Sun	(Spec)
5345.0	M23	11-9-2011	1800	579	CW	Sun	(Spec)
5345.0	M23	12-9-2011	1700	CW 579 Repeated 1710z	CW	Mon	(Spec)
5345.0	M23	12-9-2011	1800	CW 579 Repeated 1810z	CW	Mon	(Spec)
5345.0	M23	13-9-2011	1700	CW 579 Repeated 1710z	CW	Tue	(Spec)
5345.0	M23	13-9-2011	1800	CW 579 Repeated 1810z	CW	Tue	(Spec)

frequency	enigma	date	UTC	remarks	mode	day	contributor
5345.0	M23	19-9-2011	1819	(week) ...60731 32257= 35 35=..=31 31 = 57070 1.706... (0=0)	MCW	Mon	(FMB)
5345.0	M23	20-9-2011	0636	246 (R10); 5FG	MCW	Tue	(FMB)
5345.0	M23	20-9-2011	0735	to week	MCW	Tue	(FMB)
5345.0	M23	21-9-2011	0629	246	MCW	Wed	(FMB)
5345.0	M42	6-9-2011	2040	Russian Gov/Intel.	FSK 200/100	Tue	
5345.0	M42	6-9-2011	2050	Russian Gov/Intel.	FSK 200/100	Tue	
5346	M42	13-9-2011	1047	Russian Gov/Intel.	FSK 200/1000 (ACF=288)		(linkz)
5398	M42	13-9-2011	2120	Russian Gov/Intel.	FSK 200/1000 (ACF=288)		(linkz)
5400.0	M42	6-9-2011	2120	Russian Gov/Intel.	FSK 200/1000 (ACF=288)	Tue	
5403	M51	1-9-2011	2100	French Military morse training. //5116 kHz	CW		(MOR)
5426.0	M51	16-9-2011	2203	NR 06 S 15 00:03:51 1983 to NR 29 S 15 02:26:14 1983	CW	Fri	(Spec)
5426.0	M51	17-9-2011	0033	NR 30 S 15 02:33:31 1983 to NR 39 S 15 03:29:29 1983	CW	Sat	(Spec)
5426.0	M51	17-9-2011	0135	NR 40 S 15 03:35:49 1983 to NR 46 S 15 04:13:20 1983	CW	Sat	(Spec)
5426.0	M51	28-9-2011	1529	ip	MCW	Wed	
5442	G06	23-9-2011	1930	947-732/15=13243	AM	Fri	(HFD)
5442	S06	23-9-2011	1930	947 732 15 13243 24354 35465 46576 57687 68798 79809 08685 7968	USB		(AB)
5442.0	G06	9-9-2011	1930	947 732 15 13243 ... 17456 732 15 00000 1938z	USB	Fri	(Spec)
5449	unid	28-9-2011	1100	Unid oriental station repeating 4 figures and ends with a time stamp	USB		(BCA)
5449	unid	29-9-2011	1100	Unid oriental station repeating 4 figures and ends with a time stamp	USB		(BCA)
5449	unid	30-9-2011	1100	Unid oriental station repeating 4 figures and ends with a time stamp	USB		(BCA)
5449	unid	30-9-2011	1300	Unid oriental station repeating 4 figures and ends with a time stamp	USB		(BCA)
5449	unid	30-9-2011	1300	Unid oriental station repeating 4 figures and ends with a time stamp	USB		(token)
5449	unid	30-9-2011	1500	Unid oriental station repeating 4 figures and ends with a time stamp	USB		(token)
5449	unid	30-9-2011	1700	Unid oriental station repeating 4 figures and ends with a time stamp	USB		(token)
5449	unid	30-9-2011	1900	Unid oriental station repeating 4 figures and ends with a time stamp	USB		(token)
5463	E11	16-9-2011	1856	262/00	USB		(Danix)
5464	M01	22-9-2011	1800	463(R4) + msg	CW		(AB)
5464	M14	14-9-2011	1920	537-982/15=14782	CW	Wed	(HFD)
5470	S06s	2-9-2011	0610	934	USB	Fri	(HFD)
5470	S06s	23-9-2011	0610	Barely audible	USB		(AB)
5474	M01	1-9-2011	1800	463-320/30=29140	CW	Thu	(HFD)
5474	M01	29-9-2011	1800	463	CW		(AB)
5474.0	M01	6-9-2011	1800	463 022 30 = 84496 ... 1810z	CW	Tue	(Spec)
5474.0	M01	15-9-2011	1800	463 784 30 = 68669 ... 56743 = 784 30 000 1810z	CW	Thu	(Spec)
5474.0	M01	22-9-2011	1800	463 523 30 = 60378 ... 71579 = 523 30 000 1809z	CW	Thu	(Spec)
5475	M01	25-9-2011	1800	463 287 30 = 15582	CW		(FN)
5475	M01b	1-9-2011	1800	463 320 30 = 29140	CW		(FN)

frequency	enigma	date	UTC	remarks	mode	day	contributor
5500	M89	1-9-2011	1113	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	1-9-2011	1442	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	1-9-2011	1926	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	1-9-2011	2108	V 7NPE (x3) DE QV5B (x2) (Cont'd)	CW		(JPL-HK)
5500	M89	1-9-2011	2258	V 7NPE (x3) DE QV5B (x2) (Cont'd)	CW		(JPL-HK)
5500	M89	2-9-2011	1123	V 7NPE 7NPE 7NPE DE QV5B QV5B //4225	CW		(AB-HK)
5500	M89	2-9-2011	1306	V 7NPE (x3) DE QV5B (x2) (Cont'd)	CW		(JPL-HK)
5500	M89	2-9-2011	1325	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	2-9-2011	1726	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	2-9-2011	2004	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	2-9-2011	2230	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	3-9-2011	1222	V 7NPE (x3) DE QV5B (x2) (Cont'd)	CW		(JPL-HK)
5500	M89	3-9-2011	1853	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	4-9-2011	1300	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	4-9-2011	2210	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	17-9-2011	1927	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	18-9-2011	1529	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	18-9-2011	1810	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	21-9-2011	2205	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	25-9-2011	1816	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	26-9-2011	1432	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	26-9-2011	1930	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	29-9-2011	1046	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	29-9-2011	2209	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	30-9-2011	1413	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	30-9-2011	1644	V 7NPE (x3) DE QV5B (x2) (Cont'd)	CW		(JPL-HK)
5500	M89	30-9-2011	1952	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5500	M89	30-9-2011	2239	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225	CW		(JPL-HK)
5735	S06	14-9-2011	1800	471 0	CW	Wed	(HFD)
5735	S06	28-9-2011	1800	471 471 471 00000	AM		(AB)
5735.0	S06	28-9-2011	1800	471 00000 1804z	USB	Wed	(Spec)
5737	E11	11-9-2011	1240	349/00	USB	Sun	(HFD)
5737	E11a	18-9-2011	1243	ip	USB	Sun	(HFD)
5737.0	E11	25-9-2011	1240	349/00 1243z	USB	Sun	(Spec)
5760	S06s	27-9-2011	0700	374-952/6=25645	USB	Tue	(HFD)
5760.0	S06s	13-9-2011	0700	374 950 6 56723 59783 93251 57852 13855 77859 950 00000 0705z	USB	Tue	(Spec)
5760.0	S06s	20-9-2011	0700	374 952 6 25645 11325 55240 24444 52757 45392 952 6 00000 0705z	USB	Tue	(Spec)
5773.0	E07a	28-9-2011	2040	147 1 32027 576 55 94543 ... 70464 000 000 2047z	USB	Wed	(Spec)
5788	M12	7-9-2011	1740	463 1	CW	Wed	(HFD)
5800.0	M08a	24-9-2011	0633	in progress	CW	Sat	(KJ6BBS)
5805	S06s	6-9-2011	1240	278 901 5 57033	AM		(FN)
5805.0	S06s	6-9-2011	1240	278 901 5 57033 55491 25055 44401 29565 901 5 00000 1245z	USB	Tue	(Spec)
5810.0	M01b	23-9-2011	1515	158 135 30 = 62811 ... 1531z	CW	Fri	(Spec)
5811	M01b	2-9-2011	1515	158 135 30 = 62811	CW		(FN)
5811	M01b	23-9-2011	1515	158 135 135 30 30 = = 5FGs = = 135 135 30 30 000	CW		(AB)
5815	G11	23-8-2011	1325	299/00	USB		(AB)
5815	G11	2-9-2011	1325	296/31=53073	USB	Fri	(HFD)
5815	G11	6-9-2011	1755	270/00	USB		(FN)

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5815	G11	27-9-2011	1755	270/00 (R3) ende	USB		(AB)
5815	S11a	7-9-2011	1020	221/00	USB	Wed	(HFD)
5815.0	G11	10-9-2011	1325	299/00 1328z	USB	Sat	(Spec)
5815.0	G11	23-9-2011	1325	299/00 1328z	USB	Fri	(Spec)
5815.0	S11a	28-9-2011	1020	221/00 1023z	USB	Wed	(Spec)
5828.0	M12	27-9-2011	0344	ip	MCW	Tue	(FMB)
5847	XPA2	1-9-2011	2010	msg	MFSK	Thu	(HFD)
5880	V02a	24-9-2011	0030	DGI YL/SS msg	AM		(MPO)
5880	V02a	24-9-2011	0050	DGI. Female Speaker in Spanish transmitting blocks of numbers i	AM		(MPO)
5893	M12	21-9-2011	2120	785 785 785 000	CW		(AB)
5893	M12	21-9-2011	2120	785 0	CW	Wed	(HFD)
5893	M12	28-9-2011	2120	785 785 785 000	CW		(AB)
5893.0	M12	28-9-2011	2120	785 785 785 000 2122z	CW	Wed	(Spec)
5898.0	M08a	5-9-2011	0500	Weak i/p.	CW	Mon	
5898.0	M08a	5-9-2011	0500	Weak i/p.	CW	Mon	(SWL1409)
5898.0	M08a	24-9-2011	0531	Big signal	CW	Sat	(KJ6BBS)
5898.0	V2a	25-9-2011	0705	0705 Ute burst, 0709 "11111 11111", 0711 "11111" CW "11" abrupt end	AM	Sun	(MT2)
5934	G06	22-9-2011	1830	579-###/15=1029#	AM	Thu	(HFD)
5940	M01b	1-9-2011	1505	159 135 30 = 62811	CW		(FN)
5945	M14	27-9-2011	1820	346-596/15	CW	Tue	(HFD)
5948.0	M51	16-9-2011	0113	ip.	MCW	Fri	(FMB)
5948.0	M51	17-9-2011	0908	ip.	MCW	Sat	(FMB)
5981.0	M32	13-9-2011	0615	"MRRY"	CW	Tue	(FMB)
5981.0	M32	20-9-2011	0627	"MRRY"	CW	Tue	(FMB)
6121.0	M?	14-9-2011	1631	(ip.)69 t48?1 t948t ...77777 777??..	MCW	Wed	(FMB)
6250	XSL	29-9-2011	1723	Slot Machine / Japanaese Navy	PSK		(AB)
6250.0	XSL	29-9-2011	1300	About S1, not strong after sunrise	USB	Thu	(ZW)
6261	M01	3-9-2011	1500	463	CW	Sat	(HFD)
6261.9	M01	17-9-2011	1500	463 463 463 into 5lg's w/each number rptd twice;"144 144 3t 3t	CW		(TJ)
6304	E11	5-9-2011	0450	416/00	USB	Mon	(HFD)
6304	E11a	21-9-2011	0450	414/30 attention 87240 06785 44214 29661 ... 37151 17029 out	USB		(Danix)
6340	S06s	2-9-2011	0600	934-251/6=12334	USB	Fri	(HFD)
6376.0	M8a	26-9-2011	0300	Good Signal	USB	Mon	(BigD)
6378	M22	1-9-2011	2350	4XZ - Israeli Navy Haifa	CW		(norave)
6379	M22	22-9-2011	0116	4XZ in progress	CW		(norave)
6379	M22	27-9-2011	0028	4XZ Israeli Navy	CW		(norave)
6415	S06s	7-9-2011	1210	481	USB	Wed	(HFD)
6415.0	S06s	28-9-2011	1210	481 269 5 46647 75877 08755 56428 24013 269 5 00000 1215z	USB	Wed	(Spec)
6417	XSL	29-9-2011	1723	Slot Machine / Japanaese Navy	PSK		(AB)
6433	E11	18-9-2011	1050	127/00	USB	Sun	(HFD)
6433	E11a	25-9-2011	1050	126/32	USB		(AB)
6433	E11a	25-9-2011	1050	126/32 attention 05151 18912 83214 55547 ... 80720 out	USB		(Danix)
6433	G11	2-9-2011	2000	263/35=44115	USB	Fri	(HFD)
6433.0	E11	26-9-2011	1050	127/00 1053z Weak QRN2 QSB2	USB	Mon	(Spec)
6433.0	G11	9-9-2011	2000	262/00 2003z Strong QRN2	USB	Fri	(Spec)

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6433.0	G11	23-9-2011	2000	262/00 2003z Fair QRM3 QSB2	USB	Fri	(Spec)
6433.0	G11	25-9-2011	2000	262/00 2003z Fair QRM3 QSB2	USB	Sun	(Spec)
6445	XSL	29-9-2011	1723	Slot Machine / Japanaese Navy	PSK		(AB)
6464	S06s	6-9-2011	1500	537 904 6 72751	AM		(FN)
6464	S06s	20-9-2011	1500	537-289/6=78235	USB	Tue	(HFD)
6464	S06s	27-9-2011	1500	537 289 6 78235	AM		(FN)
6508.0	M01	18-9-2011	0700	463 441 30 = 06511 ... 62534 = 441 30 000 0709z	CW	Sun	(Spec)
6510	M01	25-9-2011	0700	463 47854 40874 01459 ... 12506 = 874 30	CW		(FN)
6773	M89	1-9-2011	1129	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)
6773	M89	4-9-2011	2220	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)
6773	M89	29-9-2011	1043	V H2FL (x3) DE DRV8 (x2) (Cont'd) //8040	CW		(JPL-HK)
6773	M89	29-9-2011	2213	V H2FL (x3) DE DRV8 (x2) (Cont'd)	CW		(JPL-HK)
6793	M12	21-9-2011	2100	785 785 785 000	CW		(AB)
6793	M12	21-9-2011	2100	785 0	CW	Wed	(HFD)
6793	M12	28-9-2011	2100	785 785 785 000	CW		(AB)
6793.0	M12	28-9-2011	2100	785 785 785 000 2102z	CW	Wed	(Spec)
6802	M12	7-9-2011	1720	463 1	CW	Wed	(HFD)
6805.0	M23	28-9-2011	1403	246... 1 1 bt bt...imi imi bt 1 1 bt ar ar	MCW	Wed	
6809	MX	17-9-2011	1951	Beacon "V"	CW		(PPA)
6814	E11	1-9-2011	0820	438/00	USB	Thu	(HFD)
6814.0	E11	15-9-2011	0820	438/00] 0823z Weak QRN2 QSB2	USB	Thu	(Spec)
6814.0	E11a	22-9-2011	0820	431/33 Attention 47259 ... 89913 Out 0829z	USB	Thu	(Spec)
6817.0	M51	16-9-2011	1613	ip.	MCW	Fri	(FMB)
6817.0	M51	17-9-2011	0908	ip.	AM	Sat	(FMB)
6818.0	M51	17-9-2011	1123	NR 40 S 15 13:23:23 1983 BT YAADF ... XPCZW BT 1129z	CW	Sat	(Spec)
6818.0	M51	17-9-2011	1949	NR 27 S 15 21:49:32 1983 to NR 30 S 15 22:08:04 1983 (TX Switched Off)	CW	Sat	(Spec)
6819	XPA2	18-9-2011	2220	Strong signal	MFSK		(Jon-FL)
6823	M42	13-9-2011	2040	Russian Gov/Intel.	FSK 200/1000 (ACF=288)		(linkz)
6824.0	M42	6-9-2011	2030	Russian Gov/Intel.	FSK 200/1000	Tue	
6824.0	M51	15-9-2011	0506	ip.	MCW	Thu	(FMB)
6825	M51	17-9-2011	1929	FAV22 in progress	CW		(norave)
6825.0	M51	14-9-2011	1628	ip.	MCW	Wed	(FMB)
6830	S06	26-9-2011	1610	176 8325 68867 20333 86736 48797 18672 00000	AM		(AB)
6830	S06s	5-9-2011	1610	176 204 5 48554	AM		(FN)
6830	S06s	5-9-2011	1610	176	USB	Mon	(HFD)
6830	S06s	12-9-2011	1610	YL/RUS 176 204 5 5 41664 11144 16169 05410 05115 204 5 5 00000	USB		(ATCManch)
6840	M89	1-9-2011	1920	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (Thu) //4860	CW		(JPL-HK)
6840	M89	2-9-2011	1320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (Fri) //4860	CW		(JPL-HK)
6840	M89	2-9-2011	1420	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (Fri) //4860	CW		(JPL-HK)
6840	M89	3-9-2011	2020	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (Sat) //4860	CW		(JPL-HK)
6840	M89	4-9-2011	2223	VVV (x3) Q2M (x3) DE NYZ (x2) (In Progress) QSA ? K (Sun) //4860	CW		(JPL-HK)
6840	M89	17-9-2011	1920	VVV (x3) Q2M (x3) DE NYZ (x2) (In Progress) QSA ? K (Sat) //4860	CW		(JPL-HK)

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6840	M89	18-9-2011	0120	VVV (x3) Q2M (x3) DE NYZ (x2) QSA ? K (Sun) //10640	CW		(JPL-HK)
6840	M89	18-9-2011	1520	VVV (x3) Q2M (x3) DE NYZ (x2) QSA ? K (Sun) //4860	CW		(JPL-HK)
6840	M89	18-9-2011	1820	VVV (x3) Q2M (x3) DE NYZ (x2) QSA ? K (Sun) //4860	CW		(JPL-HK)
6840	M89	21-9-2011	2220	VVV (x3) Q2M (x3) DE NYZ (x2) QSA ? K (Wed) //4860	CW		(JPL-HK)
6840	M89	26-9-2011	1922	VVV (x3) Q2M (x3) DE NYZ (x2) (In Progress) QSA ? K (Mon) //4860	CW		(JPL-HK)
6840	M89	29-9-2011	2220	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (Thu) //4860	CW		(JPL-HK)
6840	M89	30-9-2011	1320	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (Fri) //4860	CW		(JPL-HK)
6841.0	M12	5-9-2011	0500	Weak i/p.	CW	Mon	(SWL1409)
6842	M12	5-9-2011	0500	891 1	CW	Mon	(HFD)
6843.0	M12	19-9-2011	0500	891(x3) ttt	MCW	Mon	(FMB)
6847	XPA2	1-9-2011	1950	msg	MFSK	Thu	(HFD)
6874	E06	24-9-2011	0030	OM/EE 5FGs	AM		(Haz)
6874.0	E06	3-9-2011	0030	759 146 30 91221 ... 12112 146 30 00000 0039z	USB	Sat	(Spec)
6874.0	E06	4-9-2011	0030	759 146 30 91221 ... 12112 146 30 00000 0039z	USB	Sun	(Spec)
6874.0	E06	10-9-2011	0030	Strong interferences from station sending computer data	USB	Sat	(IP-DE)
6874.0	E06	10-9-2011	0030	759 861 32 16852 ... 62745 861 32 00000 0040z	USB	Sat	(Spec)
6874.0	E06	11-9-2011	0030	weak signal, vanished unexpectedly around 00:36:30 but later faded in	USB	Sun	(IP-DE)
6874.0	E06	17-9-2011	0030	Russian Man, very clear!	USB	Sat	(Saber)
6874.0	E06	17-9-2011	0030	759 462 31 02020 ... 31770 462 31 00000 0039z	USB	Sat	(Spec)
6874.0	E06	24-9-2011	0030	very clear reception	USB	Sat	(IP-NL)
6874.0	E06	24-9-2011	0030	Russian Man, some music bleed-in.	USB	Sat	(Saber)
6874.0	E06	24-9-2011	0030	759 284 30 85347 ... 11750 284 30 00000 0039z	USB	Sat	(Spec)
6874.0	E06	25-9-2011	0130	284 30 ... 11750 284 30 00000	USB	Sun	(NSM-I)
6880	S06	19-9-2011	1744	Test count "adim dwa cetierje"	USB		(PPA)
6893	E07	1-9-2011	0700	841 0	AM	Thu	(HFD)
6893	E07	6-9-2011	0700	841 841 841 000	AM		(FN)
6893	E07	8-9-2011	0700		AM		(FN)
6893.0	E07	13-9-2011	0700	841 841 841 000 0702z Fair STANAGQRM4 QSB3	AM	Tue	(Spec)
6893.0	E07	22-9-2011	0700	841 841 841 000 0702z	AM	Thu	(Spec)
6904	M12	15-9-2011	1740	257 1	CW	Thu	(HFD)
6904	M12	21-9-2011	1740	257 1 1409 70 75989 08919 26969 84681 ... 57763 82513 000 000	CW		(Danix)
6904	M12	21-9-2011	1840	257 1 2103 45 55193 07676 77051 90876 ... 18775 000 000	CW		(Danix)
6904	XJT	21-9-2011	1840	Under M12			(Danix)
6904.0	M12	12-9-2011	1940	257 1 118 98 68590 ... 71264 000 000]1948z	CW	Mon	(Spec)
6930	M32	20-9-2011	1512	Katok 65 11852 Zhaliuzi 5792 8171. The buzzer is audible in the	USB		(Avare)
6930	S06s	27-9-2011	0710	374	USB	Tue	(HFD)
6930.0	S06	20-9-2011	0717	374	USB	Tue	(FMB)
6940	X06c	19-9-2011	1853	Mazielka. Sequence: 123456	USB		(linkz)
6977	M03	13-9-2011	1140	781/38	CW	Tue	(HFD)
6977	M03	20-9-2011	1535	798/00	CW	Tue	(HFD)
6977	M03	24-9-2011	1140	786/00 = = 000 "VVV" at 1133 UTC	CW		(AB)
6977.0	M03	24-9-2011	1140	786/00 1143z Weak QRN2 QSB2	CW	Sat	(Spec)

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7038.7	MX	27-9-2011	2019	Beacon "D"	CW		(WP3)
7038.8	MX	3-9-2011	0737	Beacon "P"	CW		(AB)
7038.8	MX	3-9-2011	1749	Beacon "P"	CW		(norave)
7038.8	MX	4-9-2011	0556	Beacon "P"	CW		(AB)
7038.8	MX	12-9-2011	1526	Beacon "P"	CW		(AB)
7038.8	MX	17-9-2011	0719	Beacon "P"	CW		(AB)
7038.8	MX	23-9-2011	0811	Beacon "P"	CW		(AB)
7038.8	MX	27-9-2011	2019	Beacon "P"	CW		(WP3)
7038.9	MX	3-9-2011	1750	Beacon "S"	CW		(norave)
7041.8	MX	12-9-2011	1526	Beacon "L"	CW		(AB)
7041.8	MX	17-9-2011	0719	Beacon "L"	CW		(AB)
7041.8	MX	23-9-2011	0811	Beacon "L"	CW		(AB)
7041.8	MX	27-9-2011	2019	Beacon "L"	CW		(WP3)
7120	S06s	7-9-2011	1200	481-902/5=12515	USB	Wed	(HFD)
7120.0	S06s	28-9-2011	1200	481 269 5 46647 75877 08755 56428 24013 269 5 00000 1205z	USB	Wed	(Spec)
7166	M21	4-7-2011	1726	PVO =99?2126?9???? (UTC+4)	CW		(IARUMS)
7166	M21	16-8-2011	1715	PVO id:9	CW		(IARUMS)
7242	S06s	6-9-2011	1510	537 904 6 72751	AM		(FN)
7242	S06s	20-9-2011	1510	537	USB	Tue	(HFD)
7242	S06s	27-9-2011	1510	537 289 6 78235	AM		(FN)
7317	G11	1-9-2011	0940	275/00	USB	Thu	(HFD)
7317	G11	8-9-2011	0940	275/00	USB		(FN)
7317	S11a	6-9-2011	0915	585/38	USB	Tue	(HFD)
7317	S11a	23-9-2011	0915	484/00	USB		(AB)
7317.0	G11	26-9-2011	0940	272/30 Achtung 32992 ... 05785 Ende 0949z	USB	Mon	(Spec)
7335.0	S06s	28-9-2011	0730	742 912 6 45594 32342 74369 48558 48453 29715 912 6 00000 0735z	USB	Wed	(Spec)
7385	S06s	8-9-2011	1240	314 582 7 83x89	AM		(FN)
7385	S06s	8-9-2011	1240	314	USB	Thu	(HFD)
7385.0	S06s	8-9-2011	1240	143 562 7 93689 59750 51655 41668 30945 61685 33856 562 7 00000 1246z	USB	Thu	(Spec)
7437	E07a	1-9-2011	0430	411 0	AM	Thu	(HFD)
7437.0	E07a	15-9-2011	0430	411 411 411 000 0432z	USB	Thu	(Spec)
7437.0	E07a	22-9-2011	0430	411 411 411 000 0432z	USB	Thu	(Spec)
7449	E11	7-9-2011	1045	469/00	USB	Wed	(HFD)
7449	E11	21-9-2011	1045	466/34	USB		(AB)
7449.0	E11	28-9-2011	1045	469/00 1048z	USB	Wed	(Spec)
7473	E07	28-9-2011	2020	147 1 32027 576 55 94543	AM		(FN)
7473.0	E07a	7-9-2011	2020	147 147 147 000 2022z	USB	Wed	(Spec)
7473.0	E07a	21-9-2011	2020	147 147 147 000 2022z	USB	Wed	(Spec)
7473.0	E07a	28-9-2011	2020	147 1 32027 576 55 94543 ... 70464 000 000 2027z	USB	Wed	(Spec)
7493	E07	1-9-2011	0720	841 0	AM	Thu	(HFD)
7493	E07	6-9-2011	0720	841 841 841 000	AM		(FN)
7493	E07	8-9-2011	0720	841 841 841 000	AM		(FN)
7493.0	E07	13-9-2011	0720	841 841 841 000 0722z	AM	Tue	(Spec)
7493.0	E07	22-9-2011	0720	841 841 841 000 0722z	AM	Thu	(Spec)
7526	E07	1-9-2011	2030	358 0	AM	Thu	(HFD)
7526.0	E07	1-9-2011	2030	358 358 358 000 2032z	AM	Thu	(Spec)
7582	M89	1-9-2011	0238	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW		(JPL-HK)
7582	M89	3-9-2011	0140	V 7NPE (x3) DE QV5B (x2) (Cont'd)	CW		(JPL-HK)

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7582	M89	4-9-2011	0041	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW		(JPL-HK)
7582	M89	4-9-2011	0143	V 7NPE (x3) DE QV5B (x2) (Cont'd) //8110	CW		(JPL-HK)
7582	M89	4-9-2011	0505	V 7NPE 7NPE 7NPE DE QV5B QV5B //8110 kHz	CW		(AB-HK)
7602	M89	2-9-2011	1731	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-AFS)
7602	M89	2-9-2011	1738	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-SVK)
7602	M89	2-9-2011	2011	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-SVK)
7602	M89	4-9-2011	1817	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-SVK)
7602	M89	29-9-2011	0024	V DKG6 (x3) DE 3A7D (x2) (Cont'd) //3642	CW		(JPL-AFS)
7602	M89	1-9-2011	2302	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
7605	S06s	7-9-2011	0820	471-903/5=89556	USB	Wed	(HFD)
7612	S06	3-9-2011	1605	134 0	CW	Sat	(HFD)
7612.0	S06	10-9-2011	1605	134 00000 1609z	USB	Sat	(Spec)
7620	S06s	7-9-2011	1230	967-801/5=61277	USB	Wed	(HFD)
7620.0	S06s	14-9-2011	1230	967 801 5 61277 54458 32752 57068 62057 801 5 00000 1235z	USB	Wed	(Spec)
7730	X06c	19-9-2011	2008	Mazielka. Sequence: 123456, active for 1 hour	USB		(linkz)
7730.0	V06	20-9-2011	1756	123456	AM	Tue	(FMB)
7744	M42	13-9-2011	2110	Russian Gov/Intel.	FSK 200/1000 (ACF=288)		(linkz)
7745.0	M42	6-9-2011	2110	Russian Gov/Intel.	FSK 200/1000	Tue	
7783	M01	14-9-2011	1704	572 572 572 2t911 2t911	CW		(PPA)
7783.0	M01a	19-9-2011	1711	(ip) 3746t 49213= 848 5t; ... 111 ttt	CW	Mon	(FMB)
7795	S06s	2-9-2011	0600	196 427 5 33692	AM		(FN)
7795	S06s	2-9-2011	0600	196	USB	Fri	(HFD)
7795	S06s	23-9-2011	0600	196 (Barely audible)	USB		(AB)
7810.0	M01a	20-9-2011	1910	871(x3) 2t6t4; 871(x3) 2t892(x2)	AM	Tue	(FMB)
7815.0	M01a	21-9-2011	0206	871(x3) 19358(x2); 871(x2) 19319(x2)	CW	Wed	(FMB)
7855	X06c	19-9-2011	1036	Mazielka. Sequence: 123456, active for 30 min	USB		(linkz)
7856.0	X06	20-9-2011	1738	123456	AM	Tue	(FMB)
7856.0	X06	21-9-2011	0052	123456	AM	Wed	(FMB)
7914.0	M?	7-9-2011	0509	...8868t f?777 777?? 93fe9 76b74....(no ending)	CW	Wed	
7914.0	M?	16-9-2011	0627	..77777 777??...	MCW	Fri	(FMB)
7931	M12	15-9-2011	1720	257 1	CW	Thu	(HFD)
7931	M12	21-9-2011	1720	257 1 1409 70 75989 08919 26969 84681 ... 57763 82513 000 000	CW		(Danix)
7931.0	M12	12-9-2011	1920	257 1 118 98 68590 ... 71264 000 000 1928z	CW	Mon	(Spec)
7942	M12	5-9-2011	0520	891 1	CW	Mon	(HFD)
7942.0	M12	12-9-2011	0520	891(x3) 1...	CW	Mon	
7963	M32	20-9-2011	1923	Russian Mil: 7PA7 wkg 75LN	CW		(PPA)
7967	XPA	4-9-2011	1440	219 000 09459 00001 00000 00140 +++++	MFSK		(FN)
7967	XPA	6-9-2011	1440	219 000 08265 00001 00000 00140 +++++	MFSK		(FN)
7967	XPA	20-9-2011	1440	msg	MFSK	Tue	(HFD)
7967	XPA	27-9-2011	1440	219 1 00186 00087 59472 ... 32230 +++++	MFSK		(FN)
8023.9	M89	17-9-2011	1939	V RXP7 RXP7 RXP7 DE CZT2 CZT2	CW		(PPA)
8028.0	M12	27-9-2011	0420	ip	MCW	Tue	(FMB)
8031.0	M01a	19-9-2011	1758	333 t3246(x2); 984(x3) t3177(x2); 984(x3) t31t7(x2; 984 t21t7(x3)	CW	Mon	(FMB)
8040	M89	29-9-2011	1043	V H2FL (x3) DE DRV8 (x2) (Cont'd) //6773	CW		(JPL-HK)
8040	S06	26-9-2011	1600	176 8325 68867 20333 86736 48797 18672 00000	AM		(AB)
8040	S06s	5-9-2011	1600	176 204 5 48554	AM		(FN)
8040	S06s	5-9-2011	1600	176-204/5=48554	USB	Mon	(HFD)

frequency	enigma	date	UTC	remarks	mode	day	contributor
8040	S06s	12-9-2011	1600	YL/RUS 176 204 5 5 41664 11144 16169 05410 05115 USB 204 5 5 00000			(ATCManch)
8041	M42	7-9-2011	2124	Russian Gov/Intel.	FSK 200/1000 (ACF=288)		(linkz)
8047	M12	7-9-2011	1700	463 1	CW	Wed	(HFD)
8047	XPA2	1-9-2011	1930	msg	MFSK	Thu	(HFD)
8069	XPA2	8-9-2011	1930	msg not 8047 but 2nd transm. on 6847	MFSK	Thu	(HFD)
8069.0	XPA	20-9-2011	1936	ip	RTTY	Tue	(FMB)
8073	unid	29-9-2011	1157	Unid morse station preceeds VC04. Ends with " ii = 2D4 4D0 4D6 AR AR 00 ZNN K SK SK ".	CW		(EW)
8073	unid	2-10-2011	1240	Unid morse station. Same station as on 29-9-2011, 1157 UTC	CW		(EW)
8073	VC04	29-9-2011	1230	Chinese numbers	USB		(EW)
8089.0	M42	12-9-2011	0724	Russian Gov/Intel.	FSK 200/1000	Mon	
8089.0	M42	20-9-2011	0720	Russian Gov/Intel.	FSK 200/1000	Tue	(FMB)
8105	S06s	7-9-2011	1240	967	USB	Wed	(HFD)
8105.0	S06s	14-9-2011	1240	967 801 5 61277 54458 32752 57068 62057 801 5 00000 1245z	USB	Wed	(Spec)
8110	M89	1-9-2011	0238	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW		(JPL-HK)
8110	M89	4-9-2011	0041	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW		(JPL-HK)
8110	M89	4-9-2011	0143	V 7NPE (x3) DE QV5B (x2) (Cont'd) //7582	CW		(JPL-HK)
8110	M89	4-9-2011	0505	V 7NPE 7NPE 7NPE DE QV5B QV5B //7582 kHz	CW		(AB-HK)
8110	M89	18-9-2011	0058	V 7NPE (x3) DE QV5B (x2) (Cont'd)	CW		(JPL-HK)
8116	M12	1-9-2011	1840	124 1	CW	Thu	(HFD)
8129.0	XPA	27-9-2011	0504	ip	RTTY	Tue	(FMB)
8137	E07a	1-9-2011	0450	411 0	AM	Thu	(HFD)
8137.0	E07a	15-9-2011	0450	411 411 411 000 0452z	USB	Thu	(Spec)
8137.0	E07a	22-9-2011	0450	411 411 411 000 0452z	USB	Thu	(Spec)
8150.0	M24	6-9-2011	1704	523...tttt	AM	Tue	
8172.5	M42	7-9-2011	1255	Russian Gov/Intel.	CROWD-36		(EW)
8173	E07	28-9-2011	2000	147 1 32027 576 55 94543	AM		(FN)
8173.0	E07a	7-9-2011	2000	147 147 147 000 2002z	USB	Wed	(Spec)
8173.0	E07a	21-9-2011	2000	147 147 147 000 2002z	USB	Wed	(Spec)
8173.0	E07a	28-9-2011	2000	147 1 32027 576 55 94543 ... 70464 000 000 2007z	USB	Wed	(Spec)
8192.0	M01a	26-9-2011	0651	(ip) .. 25 111	CW	Mon	(FMB)
8242.0	M01a	26-9-2011	0654	925(x3) ...	CW	Mon	(FMB)
8270	S06s	7-9-2011	1910	371	USB	Wed	(HFD)
8270	S06s	28-9-2011	1910	371 968 5 98057	USB		(FN)
8270.0	S06s	7-9-2011	1910	371 986 5 73574 64501 45510 48743 53224 986 5 00000 1915z	USB	Wed	(Spec)
8270.0	S06s	14-9-2011	1910	371 986 5 73574 64501 45510 48743 53224 986 5 00000 1915z	USB	Wed	(Spec)
8270.0	S06s	28-9-2011	1910	371 968 5 98057 73151 42136 35257 73368 968 5 00000 1915z	USB	Wed	(Spec)
8313	XSL	29-9-2011	1723	Slot Machine / Japanaese Navy	PSK		(AB)
8313.0	XSL	29-9-2011	1300	Slot machine	USB	Thu	(ZW)
8487.8	MX	24-8-2011	1223	Beacon "L"	CW		(AB)
8494.8	MX	3-9-2011	1749	Beacon "P"	CW		(norave)
8494.8	MX	17-9-2011	0719	Beacon "P"	CW		(AB)
8494.8	MX	23-9-2011	0811	Beacon "P"	CW		(AB)
8495.4	MX	24-8-2011	1223	Beacon "M"	CW		(AB)

frequency	enigma	date	UTC	remarks	mode	day	contributor
8497.8	MX	3-9-2011	0818	Beacon "L"	CW		(AB)
8497.8	MX	4-9-2011	1213	Beacon "L"	CW		(AB)
8497.8	MX	12-9-2011	1526	Beacon "L"	CW		(AB)
8497.8	MX	17-9-2011	0719	Beacon "L"	CW		(AB)
8497.8	MX	22-9-2011	2228	Beacon "L"	CW		(norave)
8497.8	MX	23-9-2011	0811	Beacon "L"	CW		(AB)
8588	XSL	29-9-2011	1723	Slot Machine / Japanaese Navy	PSK		(AB)
8588.0	XSL	23-9-2011	1417	Exceptionally good signal	USB	Fri	(KJ6BBS)
8588.0	XSL	29-9-2011	1300	About S3 here	USB	Thu	(ZW)
8650	S06s	8-9-2011	1230	314 x8x 7 8xxxx	AM		(FN)
8650	S06s	8-9-2011	1230	314-582/7=83789	USB	Thu	(HFD)
8695	S06s	2-9-2011	0610	196 427 5 33692	AM		(FN)
8695	S06s	2-9-2011	0610	196	USB	Fri	(HFD)
8695	S06s	23-9-2011	0610	196 (Barely audible)	USB		(AB)
8703.0	XSL	9-9-2011	1949	I.P.Japanese Slot Machine	USB	Fri	(Spec)
8703.5	XSL	29-9-2011	1723	Slot Machine / Japanaese Navy	PSK		(AB)
8800	E11	1-9-2011	0930	270/00	USB	Thu	(HFD)
8800	E11	8-9-2011	0930	270/00	USB		(FN)
8800	E11	21-9-2011	0930	270/00	USB		(AB)
8800.0	E11	15-9-2011	0930	270/00 0933z	USB	Thu	(Spec)
8800.0	E11	21-9-2011	0930	270/00 0933z	USB	Wed	(Spec)
8800.0	E11	22-9-2011	0930	270/00 0933z	USB	Thu	(Spec)
8988	M89	26-9-2011	1933	V RXP7 RXP7 RXP7 DE CZT2 CZT2	CW		(ALF)
8993	M51	18-9-2011	2255	French Military CSTEI Favieres, via Vernon	CW		(ALF)
8993	M51	18-9-2011	2351	in progress	CW		(Joe)
8993.0	M51	19-9-2011	0155	ip.	MCW	Mon	(FMB)
9052	M42	7-9-2011	1908	Russian Gov/Intel, no msg (1900z sked)	Baudot 200/500		(linkz)
9085.0	M12	7-9-2011	0500	917(x3) 1..	CW	Wed	
9106	X06	8-9-2011	1524	Mazielka. Sequence: 564213	AM		(linkz)
9142	M12	5-9-2011	0540	891 1	CW	Mon	(HFD)
9142.0	M12	12-9-2011	0540	891(x3) 1...	CW	Mon	
9145	S06s	5-9-2011	1200	831 465 7 73574	AM		(FN)
9145	S06s	5-9-2011	1200	831	USB	Mon	(HFD)
9145.0	S06s	5-9-2011	1200	831 465 7 73574 74501 45510 48743 53224 26813 20585 465 7 00000 1206z	USB	Mon	(Spec)
9150	M03	4-9-2011	1323	ip	CW	Sun	(HFD)
9150	M03	8-9-2011	1115	650/00	CW		(FN)
9150	M03	8-9-2011	1115	650/00	CW	Thu	(HFD)
9150	M03	21-9-2011	1115	Barely audible	CW		(AB)
9150	M03	22-9-2011	1320	437/00 = = 000, at 1313 UTC carrier followed by series of "VVV"	CW		(AB)
9150	M03	29-9-2011	1115	650/00	CW		(FN)
9150.0	M03	20-9-2011	1115	272/00 1118z	CW	Tue	(Spec)
9150.0	M03	22-9-2011	1320	437/00 1323z Weak QRN2 QSB2	CW	Thu	(Spec)
9150.0	M03	25-9-2011	1320	437/00 1323z	CW	Sun	(Spec)
9150.0	M03	28-9-2011	1115	650/00 1118z Weak QRN2 QSB3	CW	Wed	(Spec)
9153	V26	12-9-2011	1000		USB		(rusl)
9153	V26	13-9-2011	0938		USB		(rusl)
9153	V26	18-9-2011	1000	good signal	USB		(rusl)
9167	XPA	4-9-2011	1420	219 000 09459 00001 00000 00140 +++++	MFSK		(FN)

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9167	XPA	6-9-2011	1420	219 000 08265 00001 00000 00140 +++++	MFSK		(FN)
9167	XPA	20-9-2011	1420	msg	MFSK	Tue	(HFD)
9167	XPA	27-9-2011	1420	219 1 00186 00087 59472 ... 32230 +++++	MFSK		(FN)
9176	M12	15-9-2011	1700	257 1	CW	Thu	(HFD)
9176	M12	21-9-2011	1700	257 1 1409 70 75989 08919 26969 84681 ... 57763 82513 000 000	CW		(Danix)
9176	M12	21-9-2011	1800	257 1 2103 45 55193 07676 77051 90876 ... 18775 000 000	CW		(Danix)
9176	M12	21-9-2011	1900	257 1 5972 61 92014 15891 15752 ... 000 000 (not sure)	CW		(Danix)
9176	XJT	21-9-2011	1900	Under M12			(Danix)
9176.0	M12	12-9-2011	1900	257 1 118 98 68590 ... 71264 000 000 1908z	CW	Mon	(Spec)
9200.0	M42	6-9-2011	2100	Russian Gov/Intel.	FSK 200/1000	Tue	
9206	M42	7-9-2011	1230	Russian Intel: "9pnt 9pnt 9pnt de k4mt k4mt k - qsa 2 k - rpt k	CW		(WP3)
9220	S06s	7-9-2011	1900	371-986/5=73574	USB	Wed	(HFD)
9220	S06s	28-9-2011	1900	371 968 5 98057	USB		(FN)
9220.0	S06s	7-9-2011	1900	371 986 5 73574 64501 45510 48743 53224 986 5 00000 1905z	USB	Wed	(Spec)
9220.0	S06s	14-9-2011	1900	371 986 5 73574 64501 45510 48743 53224 986 5 00000 1905z	USB	Wed	(Spec)
9220.0	S06s	28-9-2011	1900	371 968 5 98057 73151 42136 35257 73368 968 5 00000 1905z	USB	Wed	(Spec)
9253	X06	13-9-2011	1029	Mazielka. Sequence: 612534	AM		(HS2)
9254.0	M42	20-9-2011	0800	Russian Gov/Intel.	FSK 200/1000	Tue	(FMB)
9255	S06s	7-9-2011	0830	471	USB	Wed	(HFD)
9255.0	S06s	7-9-2011	0830	471 903 5 89556 68307 43575 04253 45505 903 5 00000 0835z	USB	Wed	(Spec)
9264	M12	1-9-2011	1820	124 1	CW	Thu	(HFD)
9274.0	M42	12-9-2011	0800	Russian Gov/Intel.	FSK 200/1000	Mon	
9276	XPA	1-9-2011	1940	542 1 00764 00063 80562 ... 71134 +++++	MFSK		(FN)
9276	XPA	6-9-2011	1940	542 1 00942 00185 94350 ... 75744 +++++	MFSK		(FN)
9276	XPA	6-9-2011	1940	msg	MFSK	Tue	(HFD)
9276	XPA	27-9-2011	1940	542 1 00793 00209 13329 ... 41067 +++++	MFSK		(FN)
9276	XPA	29-9-2011	1940	542 1 00793 00209 13329 ... 41067 +++++	MFSK		(FN)
9329.0	XPA	27-9-2011	0524	ip	RTTY	Tue	(FMB)
9353.5	M42	28-9-2011	1007	Russian Gov. Repeating sequence "brqdhxdzpuimmt59671=//,;+5,?95	CROWD-36		(WP3)
9371	E11	8-9-2011	1730	416/00	USB	Thu	(HFD)
9371	E11	22-9-2011	1730	414/30 attention 5FGs out	USB		(AB)
9371	E11	29-9-2011	1730	416/00 out	USB		(AB)
9371.0	E11a	22-9-2011	1730	414/30 Attention 87240 ... 17029 Out 1739z	USB	Thu	(Spec)
9373	M32	22-9-2011	1708	Russian Navy: RMP	CW		(AB)
9387	E07	1-9-2011	2010	358 0	AM	Thu	(HFD)
9387	E07	15-9-2011	2010	OM/ENG 358 00	AM		(ATCManch)
9387.0	E07	1-9-2011	2010	358 358 358 000 2012z	AM	Thu	(Spec)
9399	E11	5-9-2011	0900	534/00	USB	Mon	(HFD)
9399.0	E11	19-9-2011	0830	534/00 0833z	USB	Mon	(Spec)
9399.0	E11	21-9-2011	0900	534/00 0903z	USB	Wed	(Spec)
9480	S06s	7-9-2011	0840	328-514/6=91052	USB	Wed	(HFD)
9480.0	S06s	28-9-2011	0840	328 579 6 98992 39815 14610 94045 98342 16532 579 6 00000 0845z	USB	Wed	(Spec)

frequency	enigma	date	UTC	remarks	mode	day	contributor
9725	V13	1-9-2011	0508	New Star in progress	USB		(AB-HK)
9725	V13	2-9-2011	0506	New Star in progress	USB		(AB-HK)
9725	V13	3-9-2011	0519	New Star in progress	USB		(AB-HK)
9725	V13	3-9-2011	0600	New Star. Flute tune + coded messages	USB		(AB-HK)
9725	V13	3-9-2011	1213	New Star in progress	USB		(AB-HK)
9725	V13	4-9-2011	0500	New Star. Flute tune followed by coded messages	USB		(AB-HK)
9725	V13	4-9-2011	0601	New Star in progress	USB		(AB-HK)
9725	V13	4-9-2011	1211	New Star in progress	USB		(AB-HK)
9725	V13	6-9-2011	0512	New Star in progress	USB		(AB-HK)
9725	V13	8-9-2011	0530	New Star in progress	USB		(AB-HK)
9725	V13	15-9-2011	1200	New Star	USB		(rusl)
9725	V13	19-9-2011	0507	New Star in progress	USB		(AB-HK)
9725	V13	19-9-2011	1200	New Star. Flute tune followed by coded messages	USB		(AB-HK)
9725	V13	20-9-2011	0600	New Star. Flute tune followed by coded messages	USB		(AB-HK)
9725	V13	22-9-2011	0616	New Star in progress	USB		(AB-HK)
9725	V13	23-9-2011	0500	New Star. Flute tune + coded messages	USB		(AB-HK)
9725	V13	23-9-2011	0600	New Star. Flute tune + coded messages	USB		(AB-HK)
9725	V13	23-9-2011	1200	New Star. Flute tune + coded messages	USB		(AB-HK)
9725	V13	23-9-2011	1310	New Star in progress	USB		(AB-HK)
9725	V13	24-9-2011	0609	New Star in progress	USB		(AB-HK)
9725	V13	28-9-2011	0624	New Star in progress	USB		(AB-HK)
9725	V13	30-9-2011	0510	New Star in progress	USB		(AB-HK)
9960	S11a	2-9-2011	1020	426/00	USB	Fri	(HFD)
9960	S11a	9-9-2011	1020	Null message 426/00	USB		(ATCManch)
9960	S11a	23-9-2011	1020	421/36	USB		(AB)
9970.0	M51	28-9-2011	0655	ip	MCW	Wed	(FMB)
10047.7	MX	4-9-2011	1210	Beacon "D"	CW		(AB)
10047.7	MX	23-9-2011	0811	Beacon "D"	CW		(AB)
10047.9	MX	23-9-2011	0811	Beacon "S"	CW		(AB)
10116.0	E07	14-9-2011	1740	201 1 226 68 87163 ... 10574 000 000 1748z	AM	Wed	(Spec)
10125	Psy	6-7-2011	1300	NATO Psy-Ops msgs to Libya	USB		(IARUMS)
10125	Psy	10-7-2011	1100	NATO Psy-Ops under heavy wobble jammer	USB		(IARUMS)
10125	Psy	13-7-2011	1430	NATO Psy-Ops under heavy wobble jammer. Wob- ble off at 1310 UTC	USB		(IARUMS)
10125	Psy	3-9-2011	1233	NATO Psy-Ops to Libya	USB		(AB)
10180	M89	24-8-2011	1130	V DKG6 DKG6 DKG6 DE 3A7D 3A7D	CW		(EW)
10180	M89	24-8-2011	1404	V DKG6 DKG6 DKG6 DE 3A7D 3A7D	CW		(AB-AUS)
10180	M89	24-9-2011	1653	V DKG6 DKG6 DKG6 DE 3A7D 3A7D	CW		(PPA)
10180	M89	25-9-2011	0219	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
10180	M89	25-9-2011	1822	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
10180	M89	26-9-2011	1429	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
10180	M89	29-9-2011	1040	V DKG6 (x3) DE 3A7D (x2) (Cont'd)	CW		(JPL-HK)
10221	E11	2-9-2011	0710	633/00	USB	Fri	(HFD)
10221	E11	23-9-2011	0710	633/00	USB		(AB)
10221.0	E11	23-9-2011	0710	633/00 0713z	USB	Fri	(Spec)
10253	M42	7-9-2011	2110	Russian Gov/Intel.	FSK 200/1000 (ACF=288)		(linkz)
10255	X06	18-9-2011	1840	Mazielka. Sequence: 351264	USB		(linkz)
10267	XPA	4-9-2011	1400	219 000 09459 00001 00000 00140 +++++	MFSK		(FN)
10267	XPA	6-9-2011	1400	219 000 08265 00001 00000 00140 +++++	MFSK		(FN)

frequency	enigma	date	UTC	remarks	mode	day	contributor
10267	XPA	20-9-2011	1400	msg	MFSK	Tue	(HFD)
10267	XPA	27-9-2011	1400	219 1 00186 00087 59472 ... 32230 +++++	MFSK		(FN)
10270.0	M42	12-9-2011	1005	Russian Gov/Intel.	Baudot 200/500	Mon	
10270.0	M42	12-9-2011	1015	Russian Gov/Intel.	Baudot 200/500	Mon	
10343	M12	1-9-2011	1800	124 1	CW	Thu	(HFD)
10343	M12	8-9-2011	1700	5F msg ending TTT TTT	CW		(PPA)
10404	Psy	4-9-2011	1235	NATO Psy-ops msgs to Libya	USB		(AB)
10420	S06s	6-9-2011	0810	352	USB	Tue	(HFD)
10420.0	S06s	13-9-2011	0810	352 970 6 46774 29826 73608 73546 43456 02556 970 6 00000 0815z	USB	Tue	(Spec)
10476	XPA	1-9-2011	1920	542 1 00764 00063 80562 ... 71134 +++++	MFSK		(FN)
10476	XPA	6-9-2011	1920	542 1 00942 00185 94350 ... 75744 +++++	MFSK		(FN)
10476	XPA	6-9-2011	1920	msg	MFSK	Tue	(HFD)
10476	XPA	13-9-2011	1922	542 542 542 1	MFSK-20/20Bd		(linkz)
10476	XPA	27-9-2011	1920	542 1 00793 00209 13329 ... 41067 +++++	MFSK		(FN)
10476	XPA	29-9-2011	1920	542 1 00793 00209 13329 ... 41067 +++++	MFSK		(FN)
10486	M42	10-9-2011	1120	Russian Gov/Intel. QSY from 14386 cf then 12208	FSK 200/1000 (ACF=288)		(linkz)
10618.0	M42	17-9-2011	1220	Russian Gov/Intel.	FSK 200/1000	Sat	(FMB)
10640	M89	18-9-2011	0120	VVV (x3) Q2M (x3) DE NYZ (x2) QSA ? K (Sun) //6840	CW		(JPL-HK)
10690	E11	1-9-2011	0830	649/00	USB	Thu	(HFD)
10690.0	E11	22-9-2011	0830	649/00 0833z	USB	Thu	(Spec)
10708	E07	5-9-2011	1920	172 172 172 000	AM		(FN)
10708	E07	5-9-2011	1920	172 0	AM	Mon	(HFD)
10708	E07	28-9-2011	1920	172 172 172 000	AM		(FN)
10708.0	E07	7-9-2011	1920	172 172 172 000 1922z	AM	Wed	(Spec)
10708.0	E07	12-9-2011	1920	172 172 172 000 1922z	AM	Mon	(Spec)
10708.0	E07	19-9-2011	1920	172 172 172 000 1922z	AM	Mon	(Spec)
10708.0	E07	21-9-2011	1920	172 172 172 000 1922z	AM	Wed	(Spec)
10708.0	E07	28-9-2011	1920	172 172 172 000 1922z	AM	Wed	(Spec)
10710.0	M12	12-9-2011	1647	(i.p.) ttt ttt	CW	Mon	
10731	X06	22-9-2011	2023	Mazielka. Sequence: 314265. Active till 2024 UTC	AM		(Dan)
10731	X06	22-9-2011	2025	Mazielka. Sequence: 314265. Active till 2026 UTC	AM		(Dan)
10779	M89	1-9-2011	1102	V WITN (x3) DE GNXG (x2) (Cont'd)	CW		(JPL-AUS)
10779	M89	1-9-2011	0242	V WITN (x3) DE GNXG (x2) (Cont'd)	CW		(JPL-HK)
10779	M89	3-9-2011	0143	V WITN (x3) DE GNXG (x2) (Cont'd)	CW		(JPL-HK)
10779	M89	3-9-2011	0229	V WITN (x3) DE GNXG (x2) (Cont'd)	CW		(JPL-HK)
10779	M89	4-9-2011	0140	V WITN (x3) DE GNXG (x2) (Cont'd)	CW		(JPL-HK)
10779	M89	4-9-2011	0508	V WITN WITN WITN DE GNXG GNXG	CW		(AB-HK)
10779	M89	18-9-2011	0101	V WITN (x3) DE GNXG (x2) (Cont'd)	CW		(JPL-HK)
10779	M89	18-9-2011	0126	V WITN (x3) DE GNXG (x2) (Cont'd) Msg: "JPL NR 45 RMKS 7..30198.9..N123 6/.../193	CW		(JPL-HK)
10779	M89	24-9-2011	1753	V WITN WITN WITN DE GNXG GNXG	CW		(PPA)
10779	M89	24-9-2011	1756	V WITN WITN WITN DE GNXG GNXG	CW		(PPA)
10779	M89	26-9-2011	2344	V WITN (x3) DE GNXG (x2) (Cont'd)	CW		(JPL-HK)
10779	M89	29-9-2011	1036	V WITN (x3) DE GNXG (x2) (Cont'd)	CW		(JPL-HK)
10800	E11	1-9-2011	0645	517/00	USB	Thu	(HFD)
10800.0	E11a	15-9-2011	0645	515/37 Attention 78333 ... 10239 Out 0655z	USB	Thu	(Spec)
10823.0	M51	20-9-2011	0747	nr 15 s 20 09:48:47 1983 bt...	MCW	Tue	(FMB)
10835	S06s	21-9-2011	0530	153	USB	Wed	(HFD)
10870	X06c	20-9-2011	1912	Mazielka. Sequence: 123456	AM		(PPA)

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10871.0	X06	20-9-2011	1906	123456	AM	Tue	(FMB)
10871.7	MX	23-9-2011	0811	Beacon "D"	CW		(AB)
10871.8	MX	3-9-2011	0737	Beacon "P"	CW		(AB)
10871.8	MX	3-9-2011	1748	Beacon "P"	CW		(norave)
10871.8	MX	4-9-2011	0556	Beacon "P"	CW		(AB)
10871.8	MX	4-9-2011	1210	Beacon "P"	CW		(AB)
10871.8	MX	5-9-2011	1242	P: Rus Navy Kaliningrad RUS	CW		(WP3)
10871.8	MX	17-9-2011	0719	Beacon "P"	CW		(AB)
10871.8	MX	23-9-2011	0811	Beacon "P"	CW		(AB)
10871.9	MX	3-9-2011	0737	Beacon "S"	CW		(AB)
10871.9	MX	17-9-2011	0719	Beacon "S"	CW		(AB)
10871.9	MX	23-9-2011	0811	Beacon "S"	CW		(AB)
10872	MX	3-9-2011	1748	Beacon "C"	CW		(norave)
10872	MX	5-9-2011	1244	C: Rus Navy Moscow RUS	CW		(WP3)
10872.1	MX	5-9-2011	1245	A: Rus Navy Astrachan RUS	CW		(WP3)
10872.2	MX	20-9-2011	1906	Beacon "F" Vladivostok	CW		(PPA)
10872.4	MX	24-9-2011	1827	Beacon "M" Magadan	CW		(PPA)
10888	M21	24-8-2011	1333	=99?1733?9???? time is UTC+4	CW		(EW)
10888	M21	24-9-2011	1854	Russian air defence =99?2254?9????	CW		(PPA)
11010	X06	18-9-2011	1845	Mazielka. Sequence: 351264	USB		(linkz)
11040	S06s	7-9-2011	0850	328	USB	Wed	(HFD)
11040.0	S06s	28-9-2011	0850	328 579 6 98992 39815 14610 94045 98342 16532 579 6 00000 0855z	USB	Wed	(Spec)
11055	M42	7-9-2011	0405	RMA2: alleged Russian Gov/Intel. Callup RGK2 DE RMA2 QSA into c	Baudot 50/500E + CW		(PPA)
11062	E07	4-9-2011	1720	201 201 201 000	AM		(FN)
11062	E07	4-9-2011	1720	201 0	AM	Sun	(HFD)
11062	E07	18-9-2011	1720	201 1. Again problems with the audio	AM		(MUK)
11062	E07	21-9-2011	1720	201 201 201 000	USB		(AB)
11062	E07	25-9-2011	1720	201 000	AM		(AB)
11062	E07	28-9-2011	1720	201 201 201 000	AM		(FN)
11062.0	E07	14-9-2011	1720	201 1 226 68 87163 ... 10574 000 000 1728z	AM	Wed	(Spec)
11062.0	E07	21-9-2011	1720	201 201 201 000 1722z	AM	Wed	(Spec)
11062.0	E07	25-9-2011	1720	201 201 201 000 1722z	AM	Sun	(Spec)
11062.0	E07	28-9-2011	1720	201 201 201 000 1722z	AM	Wed	(Spec)
11083	M12	7-9-2011	0543	910 910 910 1 344 57 344 57 msg txt 000 000	CW		(EW)
11084	M42	7-9-2011	1907	Russian Gov/Intel, no msg (1850z sked)	Baudot 200/500		(linkz)
11090	X06c	18-9-2011	0838	Mazielka. Sequence: 123456	USB		(linkz)
11401	M51	18-9-2011	1645	NR 69 S 2Ø 18:45:18 1983 BT URKXC FYQQB QONHW VMLJI LOEHIT SADG	CW		(PAUT)
11460	S06s	5-9-2011	1210	831 465 7 73574	AM		(FN)
11460	S06s	5-9-2011	1210	831	USB	Mon	(HFD)
11460.0	S06s	5-9-2011	1210	831 465 7 73574 74501 45510 48743 53224 26813 20585 465 7 00000	USB	Mon	(Spec)
11472	M12	5-9-2011	1340	344 1	CW	Mon	(HFD)
11472	M12	26-9-2011	1340	344 1 926 221 20740... 000 000	CW		(Danix)
11576	XPA	1-9-2011	1900	542 1 00764 00063 80562 ... 71134 +++++	MFSK		(FN)
11576	XPA	6-9-2011	1900	542 1 00942 00185 94350 ... 75744 +++++	MFSK		(FN)
11576	XPA	6-9-2011	1900	msg	MFSK	Tue	(HFD)
11576	XPA	27-9-2011	1900	542 1 00793 00209 13329 ... 41067 +++++	MFSK		(FN)
11576	XPA	29-9-2011	1900	542 1 00793 00209 13329 ... 41067 +++++	MFSK		(FN)

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11585	M42	6-9-2011	0428	RDI: alleged Russian Gov/Intel. Callup RQF DE RDI QSA4 QSA? ZZW	Baudot 50/500E + CW		(PPA)
11635	S06s	6-9-2011	0800	352	USB	Tue	(HFD)
11635.0	S06s	13-9-2011	0800	352 970 6 46774 29826 73608 73546 43456 02556 970 6 00000 0805z	USB	Tue	(Spec)
11635.0	S06s	20-9-2011	0800	352 960 7 07113 91575 16408 85474 59834 26635 93815 960 7 00000	USB	Tue	(Spec)
11830.0	S06s	28-9-2011	0740	742 912 6 45594 32342 74369 48558 48453 29715 912 6 00000 0745z	USB	Wed	(Spec)
12060	X06	18-9-2011	0944	Mazielka. Sequence: 351264	USB		(linkz)
12088	E07	28-8-2011	1621	305 305 305 000	AM		(PPA)
12100	X06c	18-9-2011	1723	Mazielka. Sequence: 123456	AM		(MUK)
12107	XPA2	7-9-2011	1925	In progress	MFSK-15/20Bd		(linkz)
12108	E07	5-9-2011	1900	172 172 172 000	AM		(FN)
12108	E07	5-9-2011	1900	172 0	AM	Mon	(HFD)
12108	E07	28-9-2011	1900	172 172 172 000	AM		(FN)
12108.0	E07	7-9-2011	1900	172 172 172 000 1902z	AM	Wed	(Spec)
12108.0	E07	12-9-2011	1900	172 172 172 000 1902z	AM	Mon	(Spec)
12108.0	E07	19-9-2011	1900	172 172 172 000 1902z	AM	Mon	(Spec)
12108.0	E07	21-9-2011	1900	172 172 172 000 1902z	AM	Wed	(Spec)
12108.0	E07	28-9-2011	1900	172 172 172 000 1902z	AM	Wed	(Spec)
12124	M42	22-9-2011	0755	Russian Diplo	CROWD-36		(EW)
12126	X06	22-9-2011	0801	Mazielka. Sequence: 521634	USB		(EW)
12135	M42	29-8-2011	0434	RWH3: presumed Russian Gov/Intel. Callup "RVQ4 DE RWH3" into cr	CW + Baudot 2,5 stb/50/500E		(PPA)
12140	S06s	2-9-2011	0930	516 982 7 28963	AM		(FN)
12140	S06s	2-9-2011	0930	516-982/7=28963	USB	Fri	(HFD)
12140	S06s	9-9-2011	0930	YL/RUS 516 912 7 7 21963 04621 55455 42451 94645 95905 40545 91	USB		(ATCManch)
12140	S06s	23-9-2011	0930	516 (R4) 427 6 71625 34677 81902 98561 56789 88019 427 6 00000	USB		(AB)
12140.0	S06s	9-9-2011	0930	516 982 7 28963 04621 55455 42458 94645 95905 40545 982 7 00000	USB	Fri	(Spec)
12140.0	S06s	23-9-2011	0930	516 427 6 71625 34677 81902 98561 56782 88019 427 6 00000 0935z	USB	Fri	(Spec)
12153	E11a	26-9-2011	1600	641/20 attention 32141 28300 50572 51226 ... 91767 out	USB		(Danix)
12153.0	E11	19-9-2011	1600	ID: 641/20	USB	Mon	(AEG)
12165	M42	2-9-2011	0620	Russian Gov/Intel.	RUS-ARQ 100/500		(PPA)
12170	S06s	21-9-2011	0540	153	USB	Wed	(HFD)
12174	M42	2-9-2011	1642	Russian Diplo.	CROWD-36		(PPA)
12177	X06	9-9-2011	0744	Mazielka. Sequence: 215346	AM		(HS2)
12177	X06	9-9-2011	0749	Mazielka. Sequence: 356412	AM		(HS2)
12184	M42	1-9-2011	0420	RQF: presumed Russian Gov/Intel. Callup "VVV RDI DE RQF QSA" in	CW + Baudot 2,5 stb/50/500E		(PPA)
12188	M42	7-9-2011	2100	Russian Gov/Intel. Msg	FSK 200/1000 (ACF=288)		(linkz)
12208	M42	10-9-2011	1110	Russian Gov/Intel. QSY from 14386	FSK 200/1000 (ACF=288)		(linkz)
12209.0	M42	12-9-2011	1025	Russian Gov/Intel.	Baudot 200/500	Mon	
12210	E06	1-9-2011	0449	354 354 354 00000	AM		(PPA)
12210	E06	1-9-2011	0500	354 0	AM	Thu	(HFD)

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12210	E06	23-9-2011	0500	354 987 161 05436 71770 12282 etc 161 00000	USB		(AB)
12213.0	M42	17-9-2011	1210	Russian Gov/Intel.	Baudot 200/500	Sat	(FMB)
12223	E07	4-9-2011	1700	201 201 201 000	AM		(FN)
12223	E07	4-9-2011	1700	201 0	AM	Sun	(HFD)
12223	E07	18-9-2011	1700	201 1. Shortly after 1700 a high tone followed for a while then	AM		(MUK)
12223	E07	21-9-2011	1700	201 201 201 000	USB		(AB)
12223	E07	25-9-2011	1700	201 000	AM		(AB)
12223	E07	28-9-2011	1700	201 201 201 000	AM		(FN)
12223	X06b	18-9-2011	1625	Mazielka. Sequence: 1-2	AM		(MUK)
12223.0	E07	14-9-2011	1700	201 1 226 68 87163 ... 10574 000 000 1708z	AM	Wed	(Spec)
12223.0	E07	21-9-2011	1700	201 201 201 000 1702z	AM	Wed	(Spec)
12223.0	E07	25-9-2011	1700	201 201 201 000 1702z	AM	Sun	(Spec)
12223.0	E07	28-9-2011	1700	201 201 201 000 1702z	AM	Wed	(Spec)
12228	M42	3-9-2011	0721	Russian Gov/Intel. 5FG msg every 50 groups ending with sum of f	Baudot 1,5 stb/50/500E		(PPA)
12355	S06s	20-9-2011	0610	438	USB	Tue	(HFD)
12355.0	S06s	20-9-2011	0610	438 905 6 81545 74167 85202 85141 64526 83957 905 6 00000	USB	Tue	(Spec)
12560	S06s	8-9-2011	1200	425 873 6 88060	AM		(FN)
12560	S06s	8-9-2011	1200	425-873/6=88060	USB	Thu	(HFD)
12560	S06s	15-9-2011	1200	YL/RUS 425 116 7 7 27477 75434 45201 42542 61545 USB 22131 65155 11	USB		(ATCManch)
12560	S06s	22-9-2011	1200	425 (R) 816 7 7 5FGs 7 7 00000	USB		(AB)
12930	E17z	1-9-2011	0810	674	USB	Thu	(HFD)
12930	E17z	8-9-2011	0810	674 819 5 85643	USB		(FN)
12930	E17z	22-9-2011	0810	674 913 5 52255 56717 15561 54227 54221 913 5 00000	USB		(AB)
12930.0	E17z	22-9-2011	0810	674 913 5 52255 56717 15561 54227 54221 913 5 00000	USB	Thu	(Spec)
12952	S06s	1-9-2011	0900	YL/RUS 166(R3) 143 6 41616 69415 63166 11900 34461 143 6 00000	AM		(ATCManch)
12952	S06s	8-9-2011	0900	167 843 5 48516	AM		(FN)
12952	S06s	22-9-2011	0900	167 + msg	USB		(AB)
12952.0	S06s	8-9-2011	0900	167 843 5 48516 59417 63855 88900 34461 843 5 00000	USB	Thu	(Spec)
13065	S06s	8-9-2011	1210	425 873 6 88060	AM		(FN)
13065	S06s	8-9-2011	1210	425	USB	Thu	(HFD)
13065	S06s	15-9-2011	1210	YL/RUS 425 116 7 7 27477 75434 45201 42542 61545 USB 22131 65155 11	USB		(ATCManch)
13065	S06s	22-9-2011	1210	425 (R) 816 7 7 5FGs 7 7 00000	USB		(AB)
13356	S06s	21-9-2011	1000	729 584 6 84482 45063 54481 46259 72094 43533 6 00000 (at 0951	USB		(AB)
13365	S06s	7-9-2011	1000	729-841/5=12347	USB	Wed	(HFD)
13365.0	S06s	21-9-2011	1000	729 584 6 84482 45063 54481 46259 72094 43533 584 6 00000	USB	Wed	(Spec)
13365.0	S06s	28-9-2011	1000	729 584 6 84482 45063 54481 46259 72094 43533 584 6 00000	USB	Wed	(Spec)
13472	M12	5-9-2011	1320	344 1	CW	Mon	(HFD)
13472.0	M12	12-9-2011	1320	344 344 344 000 1322z	CW	Mon	(Spec)
13515	S06s	2-9-2011	0940	516 982 7 28963 I	AM		(FN)
13515	S06s	2-9-2011	0940	516	USB	Fri	(HFD)

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13515	S06s	9-9-2011	0940	YL/RUS 516 912 7 7 21963 04621 55455 42451 94645 USB 95905 40545 91			(ATCManch)
13515.0	S06s	9-9-2011	0940	516 982 7 28963 04621 55455 42458 94645 95905 40545 982 7 00000	USB	Fri	(Spec)
13515.0	S06s	23-9-2011	0940	516 427 6 71625 34677 81902 98561 56782 88019 427 6 00000	USB	Fri	(Spec)
13517	X06	12-9-2011	0954	Mazielka. Sequence: 463125	AM		(HS2)
13527.7	MX	3-9-2011	0737	Beacon "D"	CW		(AB)
13527.7	MX	3-9-2011	1747	Beacon "D"	CW		(norave)
13527.7	MX	5-9-2011	1149	D: Rus Navy Sevastopol UKR	CW		(WP3)
13527.7	MX	23-9-2011	0811	Beacon "D"	CW		(AB)
13527.8	MX	5-9-2011	1242	P: Rus Navy Kaliningrad RUS	CW		(WP3)
13528	MX	3-9-2011	1747	Beacon "C"	CW		(norave)
13528	MX	5-9-2011	1212	C: Rus Navy Moscow RUS	CW		(WP3)
13528	MX	23-9-2011	1500	Beacon "C"	CW		(AB)
13528.1	MX	5-9-2011	1212	A: Rus Navy Astrachan RUS	CW		(WP3)
13528.4	MX	5-9-2011	1249	M: Rus Navy Magadan RUS	CW		(WP3)
13535	S06s	23-9-2011	0940	516 (R4) 427 6 71625 34677 81902 98561 56789 88019 427 6 00000	USB		(AB)
13545	S06s	22-9-2011	0910	167 + msg	USB		(AB)
13565	S06s	1-9-2011	0910	YL/RUS 166(R3) 143 6 41616 69415 63166 11900 34461 143 6 00000	AM		(ATCManch)
13565	S06s	8-9-2011	0910	167 843 5 48516	AM		(FN)
13565.0	S06s	8-9-2011	0910	167 843 5 48516 59417 63855 88900 34461 843 5 00000	USB	Thu	(Spec)
13940	X06	7-9-2011	1657	Mazielka. Sequence: 156234	AM		(linkz)
14080	S06s	20-9-2011	0600	438-905/6=81505	USB	Tue	(HFD)
14080.0	S06s	13-9-2011	0600	438 265 7 80545 15454 85833 51285 50841 15368 45135 265 7 00000	USB	Tue	(Spec)
14260	E17z	1-9-2011	0800	674-819/5=85643	USB	Thu	(HFD)
14260	E17z	8-9-2011	0800	674 819 5 85643	USB		(FN)
14260	E17z	22-9-2011	0800	674 913 5 52255 56717 15561 54227 54221 913 5 00000	USB		(AB)
14260.0	E17z	22-9-2011	0800	674 913 5 52255 56717 15561 54227 54221 913 5 00000	USB	Thu	(Spec)
14372	M12	5-9-2011	1300	344 1	CW	Wed	(HFD)
14375.0	M12	12-9-2011	1300	344 344 344 000	CW	Mon	(Spec)
14386	M42	10-9-2011	1102	Russian Gov/Intel.	FSK 200/1000 (ACF=288)		(linkz)
14432.0	M42	12-9-2011	1035	Russian Gov/Intel.	Baudot 200/500	Mon	
14489.0	M42	17-9-2011	1200	Russian Gov/Intel.	Baudot 200/500	Sat	(FMB)
14505	S06s	7-9-2011	1010	729	USB	Wed	(HFD)
14505	S06s	21-9-2011	1010	729 584 6 84482 45063 54481 46259 72094 43533 6 00000	USB		(AB)
14505	S06s	21-9-2011	1010	729 584 6 84482 45063 54481 46259 72094 43533 6 00000	USB		(AB)
14505.0	S06s	21-9-2011	1010	729 584 6 84482 45063 54481 46259 72094 43533 584 6 00000	USB	Wed	(Spec)
14505.0	S06s	28-9-2011	1010	729 584 6 84482 45063 54481 46259 72094 43533 584 6 00000	USB	Wed	(Spec)
14524.0	M51	20-9-2011	0752	ip.	MCW	Tue	(FMB)
14631	S06	20-9-2011	0829	in progress	USB		(EW)
14631	X06	7-9-2011	0851	Mazielka. Sequence: 362154	AM		(linkz)

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14631	X06	20-9-2011	0829	Mazielka. Sequence:	USB		(EW)
14675	X06	13-9-2011	1032	Mazielka. Sequence: 612534	AM		(HS2)
14824	X06	2-9-2011	0854	Mazielka. Sequence: 625413	AM		(HS2)
14830	E06	1-9-2011	0600	354 0	AM	Thu	(HFD)
14830	E06	23-9-2011	0600	354 987 161 05436 71770 12282 etc 161 00000	USB		(AB)
15721.0	S06	22-9-2011	0004		USB	Thu	(KJ6BBS)
15812	M32	1-9-2011	1611	Russian Navy: "tnjq84 de rit qrr3 dqdw 5416 ok ? k"	CW		(GN2)
15915	E11	5-9-2011	1540	224/33=16812	USB	Mon	(HFD)
15915	E11	8-9-2011	1155	718/00	USB		(FN)
15915	E11	8-9-2011	1155	718/00	USB	Thu	(HFD)
15915	E11	15-9-2011	1155	YL/ENG 718/00	USB		(ATCManch)
15915	E11	22-9-2011	1155	719/33 attention 5FGs out	USB		(AB)
15915	E11	26-9-2011	1540	228/00 out	USB		(Danix)
15915.0	E11	28-9-2011	1155	718/00 1158z	USB	Wed	(Spec)
16103	X06	2-9-2011	0926	Mazielka. Sequence: 645321	AM		(HS2)
16103	X06	2-9-2011	1201	Mazielka. Sequence: 231654	AM		(HS2)
16112	S11a	22-9-2011	1015	475/00 (575/00?)	USB	Thu	(HFD)
16112.0	S11a	15-9-2011	1015	471/37 44299 ... 85115	USB	Thu	(Spec)
16115	X06	9-9-2011	0754	Mazielka. Sequence: 215346	AM		(HS2)
16331.7	MX	3-9-2011	0818	Beacon "D"	CW		(AB)
16331.7	MX	3-9-2011	1746	Beacon "D"	CW		(norave)
16331.7	MX	5-9-2011	1156	D: Rus Navy Sevastopol UKR	CW		(WP3)
16331.9	MX	3-9-2011	0818	Beacon "S"	CW		(AB)
16331.9	MX	17-9-2011	0719	Beacon "S"	CW		(AB)
16332	MX	3-9-2011	0737	Beacon "C"	CW		(AB)
16332	MX	3-9-2011	1746	Beacon "C"	CW		(norave)
16332	MX	4-9-2011	1210	Beacon "C"	CW		(AB)
16332	MX	5-9-2011	1156	C: Rus Navy Moscow RUS	CW		(WP3)
16332	MX	12-9-2011	1653	Beacon "C"	CW		(AB)
16332	MX	17-9-2011	0719	Beacon "C"	CW		(AB)
16332.2	MX	3-9-2011	0642	Beacon "F"	CW		(AB-HK)
16332.2	MX	4-9-2011	0503	Beacon "F"	CW		(AB-HK)
16720	M89	1-9-2011	1131	V 8TNKT (x3) DE K6WG (x2) (Cont'd) New callsigns and Frequency heard for 1st time	CW		(JPL-HK)
18757	M42	19-9-2011	1442	Russian Gov/Intel.	CROWD-36		(AB)
18775.5	M42	19-9-2011	1411	Russian Gov. Very long transmission. Continued till 1555 UTC	CROWD-36		(GN2)
20047.7	MX	1-9-2011	1403	Beacon "D"	CW		(GN2)
20047.7	MX	3-9-2011	0737	Beacon "D"	CW		(AB)
20047.7	MX	5-9-2011	1152	D: Rus Navy Sevastopol UKR	CW		(WP3)
20047.7	MX	17-9-2011	0719	Beacon "D"	CW		(AB)
20047.9	MX	3-9-2011	1333	Beacon "S"	CW		(AB)
20047.9	MX	5-9-2011	1152	S: Rus Navy Severomorsk RUS	CW		(WP3)
20047.9	MX	17-9-2011	0719	Beacon "S"	CW		(AB)
20048	MX	3-9-2011	0817	Beacon "C"	CW		(AB)
20048	MX	5-9-2011	1152	C: rus navy Moscow RUS	CW		(WP3)
20048	MX	23-9-2011	0811	Beacon "C"	CW		(AB)
20690	X06	7-9-2011	0851	Mazielka. Sequence: 156345	AM		(linkz)
21002	M42	21-9-2011	0850	Russian Gov.	CROWD-36		(IARUMS)
22925	X06c	17-9-2011	1130	Mazielka. Sequence: 123456. On the air for at least 2 USB hours			(linkz)

CONTRIBUTORS

AB	Ary Boender, Netherlands	Jon-FL	Jon, FL, USA
AB-AUS	Ary Boender via GlobalTuners Australia	JPL-AFS	JPL via GlobalTuners S.Afrika
AB-EST	Ary Boender via UVB75 relay Estonia	JPL-AUS	JPL via DX Tuner, Logan, Australia
AB-HK	Ary Boender via GlobalTuners Hong Kong	JPL-D	JPL via GlobalTuners Germany
AEG	AEGe800, Sweden	JPL-HK	JPL via GlobalTuners Hong Kong
ALF	Alf, Germany	JPL-IT	JPL via GlobalTuners Italy
ATCManch	ATC, UK	JPL-SVK	JPL via GlobalTuners Slovakia
Avare	Avare from irc.mibbit.net/#uvb-76	KJ6BBS	KJ6BBS, CA
BCA	Brandon, CA, USA	linkz	Linkz, S.E. France
BigD	USA, East Coast	MOR	Mauro, North Italy
Dan	Daniel	MPO	
Danix	Danix111, Gdynia, Poland	MT2	Mark Taylor, WI, USA
EW	Eddy Waters, Australia	MUK	Mikesndbs, UK
FMB	FMB, Germany	Norave	Norave (GFD)
FN	Fritz Nusser, Switzerland	NSM-I	Nick Smith via GlobalTuners Italy
GN2	Gary Neville	PAUT	Patrick, Austria
haz	Hazlett	PPA	Peter Poelstra, Netherlands
HFD	Hans-Friedrich Dumrese, Germany	rusl	Russell, Australia
HS2	Hans Snekvik, W. Europe	Saber	SaberWing, N. Ireland
IARUMS	IARU Monitoring Service	Spec	The Spectre 3000, UK
IP-DE	Ivellios Paranormali via GlobalTuners Germany	SWL1409	SWL 1409, France
IP-NL	Ivellios Paranormali via GlobalTuners Netherlands	TJ	Trond Jacobsen, Norway
Joe	Joe, Italy	Token	TI, CA, USA
		WP3	Wolfgang Palmberger
		ZW	Zack Widup, ILL, USA

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